

From: [Jamie Bowers](#)
To: [Holman, Sheila](#)
Cc: [Theodore Leopold](#); [S. Douglas Bunch](#); [Alison Deich](#); [Steven Seigel](#); [Steve Morrissey](#); [Neal Weinfeld](#); [Jordan Connors](#); [Ben Manne](#); [Vineet Bhatia](#); [Gary Jackson](#); [Andy Whiteman](#); [Abraczinskas, Michael](#); [Scott, Michael](#); [linda.culpepper@ncdenr.gov](#); [Lane, Bill F](#); [Benzoni, Francisco](#); [ggisler@selcnc.org](#); [SVC_DENR.publiccomments](#)
Subject: [External] RE: Comments on Corrective Action Plan from Counsel in Carey v. E.I. du Pont de Nemours and Co., No. 7:17-cv-189-D (E.D.N.C.)
Date: Wednesday, April 8, 2020 1:49:09 PM
Attachments: [Carey Counsel Comments on Corrective Action Plan.pdf](#)
[Letter to Assistant Secretary Holman re Comments on the Corrective Action Plan.pdf](#)

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Good afternoon,

I'm writing to confirm receipt of the comments on the Corrective Action Plan (reattached here) from counsel in *Carey v. E.I. du Pont de Nemours & Co.*, No. 7:17-cv-189-D (E.D.N.C.), and the attached letter. Thank you.

Best regards,

Jamie Bowers

From: Jamie Bowers
Sent: Thursday, March 12, 2020 11:26 AM
To: sheila.holman@ncdenr.gov
Cc: Theodore Leopold <tleopold@cohenmilstein.com>; S. Douglas Bunch <dbunch@cohenmilstein.com>; Alison Deich <ADEich@cohenmilstein.com>; Steven Seigel <sseigel@susmangodfrey.com>; Steve Morrissey <smorrissey@susmangodfrey.com>; Neal Weinfeld <NHW@dedendumgroup.com>; Jordan Connors <jconnors@susmangodfrey.com>; Ben Manne <BManne@susmangodfrey.com>; Vineet Bhatia <vbhatia@susmangodfrey.com>; Gary Jackson <gjackson@farrin.com>; Andy Whiteman <aow@whiteman-law.com>; michael.abraczinskas@ncdenr.gov; michael.scott@ncdenr.gov; linda.culpepper@ncdenr.gov; bill.lane@ncdenr.gov; fbenzoni@ncdoj.gov; kemp@cfrw.org; ggisler@selcnc.org
Subject: Comments on Corrective Action Plan from Counsel in Carey v. E.I. du Pont de Nemours and Co., No. 7:17-cv-189-D (E.D.N.C.)

Good morning,

Please find attached comments on the Corrective Action Plan from counsel in *Carey v. E.I. du Pont de Nemours and Co.*, No. 7:17-cv-189-D (E.D.N.C.), and the attached letter.

Best regards,

Jamie Bowers

Jamie Bowers

Cohen Milstein Sellers & Toll PLLC

Associate

COHENMILSTEIN
[\[cohenmilstein.com\]](http://cohenmilstein.com)

1100 New York Ave. NW | Fifth Floor

Washington, DC 20005

phone 202.408.4600

fax 202.408.4699

[website \[cohenmilstein.com\]](http://cohenmilstein.com) | [map \[google.com\]](https://www.google.com)

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Theodore Leopold
(561) 515-1400
tleopold@cohenmilstein.com

March 12, 2020

VIA ELECTRONIC MAIL

The Honorable Sheila Holman
Assistant Secretary for the Environment
1601 Mail Service Center
Raleigh, NC 27699-1601
sheila.holman@ncdenr.gov

Re: Comments on the Corrective Action Plan dated December 31, 2019. pursuant to the Consent Order Paragraph 16, *State of North Carolina, ex rel., Michael S. Regan, Secretary, North Carolina Dept. of Env'tl. Quality v. The Chemours Company FC, LLC*, No. 17-CVS-580

Dear Assistant Secretary Holman:

We are the Court-appointed interim co-lead counsel for the putative Class in *Carey v. E.I. du Pont de Nemours & Co.*, No. 7:17-CV-00189-D, currently pending in the U.S. District Court for the Eastern District of North Carolina. The *Carey* action plaintiffs (“Plaintiffs”) seek to hold Chemours and its predecessor, DuPont, liable for polluting North Carolina residents’ bodies and property with GenX and other Per- and Polyfluoroalkyl Substance (“PFAS”) compounds originating from Chemours’ Fayetteville Works plant, thereby endangering these residents’ health. Plaintiffs seek to represent several putative classes of individuals—including property owners who receive their water from wells as well as property owners who receive their water from public utilities—whose health and property have been injured by Chemours’ and DuPont’s wrongful contamination of the Cape Fear River area with PFAS.

On behalf of those putative Classes, Plaintiffs respectfully submit the attached comments in response to the December 31, 2019, Corrective Action Plan (“CAP”), prepared by Geosyntec Consultants of NC, P.C. (“Geosyntec”) for The Chemours Company FC, LLC (“Chemours”). The CAP was prepared pursuant to the February 2019 Consent Order (“CO” or “Consent Order”) in the above-referenced matter brought by the State of North Carolina against Chemours for its unlawful contamination (the “DEQ Action”).

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The CAP is regrettably deficient in numerous respects. As explained in the attached Comments, the CAP's proposed remedies do not and will not address the full extent of the PFAS contamination originating from Chemours' Fayetteville Works plant, and fail to adequately protect the human health of residential users of municipal water supplies drawn from the Cape Fear River, including in New Hanover, Brunswick, Pender, and Columbus Counties, who are putative class members in the *Carey* action. In brief:

- **ISSUE:** The CAP offers no protection to downstream residential consumers (“DRCs”) who obtain water from public utilities and whose water remains contaminated with PFAS above the Consent Order’s Action Level. During the summer and fall of 2019, experts working for the putative class counsel collected and analyzed drinking-water samples from 27 residences in Brunswick, Columbus, New Hanover, and Pender Counties serviced by municipal water. *All of the samples collected from these residences exceed the Consent Order’s Action Level—i.e.,* the threshold for triggering Chemours’ obligation to install reverse-osmosis (“RO”) filters pursuant to Consent Order ¶ 20. Despite the fact that municipal water customers’ water has PFAS concentrations exceeding the Consent Order’s 10/70 Action Levels, the remedies proposed in the CAP will not prevent PFAS from contaminating DRC’s properties and water supplies for years to come, leaving these citizens’ homes and bodies exposed to harmful toxins for the indefinite future.
 - **RECOMMENDATION:** Pursuant to Consent Order ¶ 16 which requires Chemours to “comply with the requirements of the 2L Rules and guidance provided by [the North Carolina Department of Environmental Quality (“DEQ”)]”, Consent Order ¶ 16 (*see* 15A NCAC 02L .0103 (“2L Rules”)), and in order to treat equally all North Carolina residents who have been harmed by Chemours’ illegal behavior, DEQ should compel Chemours to pay for (a) the acquisition, installation, operation, and maintenance of three under-sink RO systems for each residence in the municipal water supply districts where tap water has been found to exceed the 10/70 Action Levels, and (b) bottled water pending the installation of such systems.
- **ISSUE:** Chemours admits that it does not know when or whether its remedies will effectively abate PFAS contamination above the 10/70 Action Levels. Chemours’ proposed remedies in the CAP are inadequate to prevent PFAS from contaminating DRCs’ residences above the 10/70 Action Levels for years to come. Specifically, for PFAS that continue to migrate into the Cape Fear River from the contaminated Fayetteville Works facility, Chemours has *not even completed* investigating—let alone implemented—any measures necessary to abate or prevent ongoing PFAS contamination. All of the ten remedial actions proposed in the CAP are expected to take between 5 and 10 years, and likely longer, to complete. Moreover, Chemours *admits* that it does not know whether its long-term remedies will be effective, stating that “the proposed long-term groundwater remedy is *still highly conceptual,*” that “*it is not presently possible to conclude with*

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confidence whether this alternative is economically feasible,” and that “[t]he state of knowledge regarding the fate and transport properties, toxicological characteristics, and *potential remedial approaches* for PFAS and Table 3+ PFAS *are continuing to evolve and advance.*” See CAP at xvii & p. 1.

- **RECOMMENDATION:** Pursuant to Consent Order ¶ 16, the requirements of the 2L Rules, and in order to treat equally all North Carolina residents who have been harmed by Chemours’ illegal behavior, DEQ should compel Chemours to pay for (a) the acquisition, installation, operation, and maintenance of three under-sink RO systems for each residence in the municipal water supply districts where tap water has been found to exceed the 10/70 Action Levels, and (b) bottled water pending the installation of such systems.
- **ISSUE: Chemours suggests that remediation may be impossible.** In the CAP, Chemours openly states that, in the future, “NCDEQ and Chemours may need to consider alternate cleanup standards,” and that the appropriate standard is one that alleviates Chemours’ obligations in light of the costliness of remediation. See CAP at 58 (stating that the goal of corrective action is “restoration to the level of the standards, *or as closely thereto as is economically and technologically feasible*”).
 - **RECOMMENDATION:** It is Chemours’ legal obligation under the Consent Order to “submit . . . a plan demonstrating maximum reductions in PFAS loading” within two years, or a longer plan “if significantly greater reductions can be achieved.” See Consent Order ¶ 12. Although the Consent Order acknowledges that the economic and technological feasibility of Chemours’ remediation are important considerations, DEQ cannot allow Chemours to use that as an escape hatch to avoid its obligations to achieve and demonstrate maximum PFAS reductions to ensure that all North Carolina residents can drink and use water free of Chemours’ harmful PFAS contamination.
- **ISSUE: Chemours fails to propose any plan to remediate groundwater and PFAS-contaminated land outside of Fayetteville Works.** PFAS will continue to migrate to groundwater and into the Cape Fear River even if Chemours manages to remediate contamination from its Fayetteville Works facility. This is because (as Chemours admits) its PFAS air emissions have contaminated over 70 square miles of the Cape Fear watershed, and this contamination has vertically migrated from the soil into groundwater that flows directly into the Cape Fear River. Chemours presents no plan to address this extensive contamination, suggesting instead that it cannot be addressed at all. See CAP p. 58 (“the costs for on and off-site remediation . . . would exceed billions to potentially tens of billions of dollars and the timeframe would be on the order of multiple decades.”). Instead of addressing this contamination, Chemours simply states that it’s too expensive, and *proposes no reduction in PFAS loadings to the Cape Fear River from aerial deposition*

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outside Fayetteville Works. Consequently PFAS will continue to impact surrounding and downstream water users for decades.

- **RECOMMENDATION:** DEQ should require Chemours to present a plan for reducing PFAS loadings to the groundwater and Cape Fear River over the Cape Fear River watershed, and until such loadings are decreased, compel Chemours to pay for (a) the acquisition, installation, operation, and maintenance of three under-sink RO systems for each residence in the municipal water supply districts where tap water has been found to exceed the 10/70 Action Levels, and (b) bottled water pending the installation of such systems.

ISSUE: Chemours' risk assessment is flawed, biased, and inadequate to comply with the requirements of the Consent Order. Chemours has yet to complete satisfactory risk assessments as required by Consent Order ¶ 14. In particular, Chemours has neither quantified the risks of PFAS exposure to DRCs and all other individuals affected by Chemours' contamination nor complied with Consent Order ¶ 14's requirement to establish that Attachments B and C PFAS do not pose an unacceptable risk to human health. Chemours has also failed to calculate toxicity values (and risks) for 19 out of 20 PFAS, focusing all of its efforts on GenX, the one PFAS for which DuPont and Chemours have produced at least *some* toxicity evaluations. In addition, Chemours' analysis fails to (a) follow standard U.S. Environmental Protection Agency ("EPA") guidance for deriving toxicity values; (b) adequately address the past decade of scientific literature on GenX's toxicity; (c) properly weigh and account for the toxicity and human health risks of GenX, including immunotoxicity; and (d) account for all necessary risks and toxicity information associated with drinking contaminated water. Chemours also manipulates its conclusions by making improper and scientifically unsound assumptions that mask the true risks associated with drinking PFAS-contaminated water and fail to account for exposure risks to sensitive subpopulations.

- **RECOMMENDATION:** DEQ should require Chemours to rectify all of these deficiencies, recalculate the risks posed to DRCs, and design remedial actions, including the provision of RO and bottled water to achieve these objectives.

In sum, in addition to failing to comply with the Consent Order requirements, the CAP demonstrates conclusively that Chemours has no plan to remediate the PFAS contamination it has caused in the immediate or even long term. Property owners and individuals who rely on the Cape Fear River for their water cannot wait the many years—if not decades—that will be required before PFAS contamination drops below acceptable levels. It is therefore critical that Chemours address the consequences of its actions now.

For the reasons set forth below, Plaintiffs respectfully request that DEQ compel Chemours to pay for the acquisition, installation, operation and maintenance of three under-sink RO systems for each residence in the municipal water supply districts where tap water was found to exceed the 10/70 Action Levels (described below), and bottled water pending the installation of such systems.

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Plaintiffs believe that this relief, which they are also seeking as part of their pending case against Chemours and DuPont, is needed to remediate damage resulting from the trespasses upon their persons and properties resulting from the unauthorized release of PFAS into the drinking water supply, and to address ongoing threats to their health resulting from exposure to PFAS at levels found in the water supply in the area.

Respectfully submitted,

/s/ Theodore J. Leopold
Theodore J. Leopold

/s/ Stephen E. Morrissey
Stephen E. Morrissey

Cc:

Mr. Michael Abraczinskas
Director, Division of Air Quality
1641 Mail Service Center
Raleigh, NC 27699-1641
michael.abraczinskas@ncdenr.gov

Mr. Michael Scott
Director, Division of Waste Management
1646 Mail Service Center
Raleigh, NC 27699-1646
michael.scott@ncdenr.gov

Ms. Linda Culpepper
Interim Director, Division of Water Resources
1611 Mail Service Center
Raleigh, NC 27699-1611
linda.culpepper@ncdenr.gov

William F. Lane, Esq.
General Counsel
1601 Mail Service Center
Raleigh, NC 27699-1601
bill.lane@ncdenr.gov

Francisco Benzoni, Esq.
Special Deputy Attorney General
P.O. Box 629

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Raleigh, NC 27602
fbenzoni@ncdoj.gov

Mr. Kemp Burdette
Cape Fear River Watch
617 Surry Street
Wilmington, NC 28401
kemp@cfrw.us

Mr. Geoff Gisler
Southern Environmental Law Center
601 West Rosemary Street, Suite 220
Chapel Hill, NC 27516-2356
ggisler@selcnc.org

**COMMENTS ON
CHEMOURS' CORRECTIVE ACTION PLAN (DEC. 31, 2019)
SUBMITTED PURSUANT TO THE CONSENT ORDER IN
State of North Carolina v. The Chemours Company FC, LLC, Case No. 17-CVS 580
(Bladen County Superior Court)**

I. Executive Summary

These comments—which have been prepared by counsel for plaintiffs and the proposed class in *Carey, et al. v. E.I. du Pont de Nemours and Co. and The Chemours Co. FC, LLC*, No. 7:17-cv-00189 (E.D.N.C. filed Oct. 23, 2017), in consultation with experts Dr. Stephen B. Ellingson of Vatten Associates and Dr. Richard DeGrandchamp of Scientia Veritas—address Chemours' failure to “comply with the requirements of the 2L Rules and guidance provided by [the North Carolina Department of Environmental Quality (“DEQ”).” Consent Order ¶ 16; *see* 15A NCAC 02L .0103 (“2L Rules”) (“The rules established in this Subchapter are intended to maintain and preserve the quality of the groundwaters, prevent and abate pollution and contamination of the water of the state, protect public health, and permit management of the groundwaters for their best usage by the citizens of North Carolina.”).

As explained in detail below, Chemours' proposed Corrective Action Plan (“CAP”):

- 1) fails to adequately protect the human health of residential users of municipal water supplies drawn from the Cape Fear River in Brunswick, Columbus, New Hanover, and Pender Counties (“Downstream Residential Consumers” or “DRCs”);
- 2) fails to adequately address the full extent of PFAS contamination originating from Fayetteville Works (both from the decades that DuPont operated the facility, and since Chemours took over its operations after DuPont spun Chemours off as a separate company); and
- 3) fails to provide an adequate, unbiased, and scientifically sound risk assessment.

For these reasons, the only way to adequately protect the human health and property of DRCs is to require Chemours to provide the same level of protection it has agreed to provide well owners with PFAS contamination: installation of RO filtration to the same extent required by Paragraph 20 of the Consent Order, with bottled water provided until filters are installed. Additionally, to protect human health in the Cape Fear River area, Chemours (and its predecessor DuPont) should be directed to: (1) fund and participate in independent toxicity assessments for each of the chemicals of concern, as well as any synergistic effects between those chemicals; and (2) fund and participate in epidemiological studies regarding the effects of contamination of residents in the Cape Fear River area, including contamination resulting from well-established toxic PFOA and PFOS that have been found in residents' blood as a result DuPont's and Chemours' conduct.

A. The CAP Fails to Protect Human Health.

An important starting point for understanding the failings of Chemours' CAP is Paragraph 20 of the Consent Order in *State of North Carolina v. The Chemours Company FC, LLC*, Case No. 17-CVS 580 (the "Consent Order" or "CO"). Paragraph 20 requires Chemours to install reverse osmosis ("RO") filtration systems at homes that obtain water from private drinking water wells if the wells are contaminated with:

- a. combined quantifiable concentrations of PFAS listed in Attachment C [of the CO] in exceedance of 70 ng/L [or parts per trillion, "ppt"]; or
- b. quantifiable concentrations of any individual PFAS listed in Attachment C [of the CO] in exceedance of 10 ng/L.

CO ¶ 20. These requirements are referred to in these comments as the "10/70 Action Levels" or "Action Levels." The twelve specific PFAS underlying those Action Levels are set forth in

Attachment C to the CO, which is reproduced below. These twelve PFAS are referred to in these comments as “Attachment C PFAS.”

<u>ATTACHMENT C</u>						
For purposes of paragraphs 19-21 and 24 “PFAS” shall mean the following compounds, unless Chemours demonstrates to the reasonable satisfaction of DEQ that the PFAS in a given well did not originate from the Facility:						
Common Name		Chemical Name		CASN	Chemical Formula	
PFMOAA		Perfluoro-2-methoxyacetic acid		674-13-5	C3HF5O3	
PMPA	PFMOPrA	Perfluoro-2-methoxypropanoic acid	Perfluoro-3-methoxypropanoic acid	13140-29-9	377-73-1	C4HF7O3
PFO2HXA		Perfluoro(3,5-dioxahexanoic) acid		39492-88-1	C4HF7O4	
PEPA	PFMOBA	2,3,3,3-Tetrafluoro-2-(pentafluoroethoxy) propanoic acid	Perfluoro-4-methoxybutanoic acid	267239-61-2	8630-90-89-5	C5HF9O3
PFO3OA		Perfluoro(3,5,7-trioxaoctanoic) acid		39492-89-2	C5HF9O5	
PFO4DA		Perfluoro(3,5,7,9-tetraoxadecanoic) acid		39492-90-5	C6HF11O6	
PFESA-BP1 / Nafion BP #1		Nafion Byproduct 1		66796-30-3; 29311-67-9	C7HF13O5S	
PFESA-BP2 / Nafion BP #2		Nafion Byproduct 2		749836-20-2	C7H2F14O5S	
PFECA-G		Hexanoic acid, 2,2,3,3,4,4,5,5,6,6-decafluoro-6-(trifluoromethoxy)-; Butanoic acid, 2,2,3,3,4,4-hexafluoro-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]-		174767-10-3; 801212-59-9	C7HF13O3	
TAFN4 / PF05DA		Perfluoro(3,5,7,9,11-pentadodecanoic) acid		39492-91-6	C7HF13O7	
PFHpA		Perfluoroheptanoic acid		375-85-9	C7HF13O2	
HFPO-DA / PFPrOPrA / “GenX”		2,3,3,3-Tetrafluoro-2 (1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid)		13252-13-6	C6HF11O3	

The 10/70 Action Levels are consistent with standards needed to protect human health. In prior litigation stemming from its predecessor DuPont’s contamination of the Ohio River Valley with PFAS originating from the Parkersburg, West Virginia manufacturing facility (“Washington Works”), a Science Panel jointly appointed by DuPont found a probable causal link between PFOA, or C8, and testicular cancer, kidney cancer, ulcerative colitis, thyroid disease, high cholesterol, and pregnancy-induced hypertension at exposure levels in excess of 50 parts per trillion. DuPont moved its production of toxic C8 to the Fayetteville Works facility in 2002 and continued manufacturing C8 at that facility until 2013. The Attachment C PFAS at issue in this case are closely related to C8 and have been linked to similar adverse health effects: the chemicals

that have resulted in contamination throughout the Cape Fear River area result from manufacturing C8 and its successor, GenX, at Fayetteville Works. As detailed below, the Attachment C PFAS share toxicity characteristics with C8, and the 10/70 Action Levels are appropriate and necessary measures to protect human health throughout the area, particularly in view of the fact they are being distributed to and consumed by a population that already has been exposed to PFOS and PFOA contamination emanating from Fayetteville Works.

Chemours has made a *binding contractual commitment* to remediate the effects of its PFAS contamination for residents who obtain water from private wells with test results in excess of the Action Levels. Yet, Chemours has failed to take any measures to protect residential properties served by utilities who draw their water from the Cape Fear River downstream of Chemours' Fayetteville Works plant—*even though those residences are contaminated with Attachment C PFAS above the 10/70 Action Level.*

In the summer and fall of 2019, Plaintiffs' counsel and their consulting technical experts collected and analyzed water samples from 36 residences in Bladen, Brunswick, Columbus, Cumberland, New Hanover, and Pender Counties to determine whether and at what concentrations these homes were contaminated with Attachment C PFAS. All 27 residences that were sampled in Brunswick, Columbus, New Hanover, and Pender Counties are serviced by municipal water providers including the Cape Fear Public Utility Authority ("CFPUA") and Brunswick County Public Utilities ("BCPU"). The samples were collected from either the tap or water heaters of the residences.

All samples collected and analyzed from Brunswick, Columbus, New Hanover, and Pender Counties show contaminant concentrations exceeding the threshold for installation of RO systems pursuant to Paragraph 20 of the CO; *every single sample had PFAS concentrations exceeding*

the 10/70 Action Levels. Alarminglly, these residential water supplies are contaminated two years after Chemours claims to have ceased discharging PFAS into the Cape Fear River from Outfall 002.

The residential samples collected by plaintiffs' counsel and their experts are consistent with results published by municipal water providers in the area. Tests of finished water by the Brunswick County and the Cape Fear Public Utility Authority water systems consistently have identified Attachment C PFAS in finished water at levels well in excess of the 10/70 Action Levels.¹

Importantly, the residents serviced by municipal water with PFAS contamination exceeding the 10/70 Action Levels receive drinking water that has already been treated by the municipal water providers. PFAS contamination nonetheless persists. Moreover, there is no date certain as to when these municipal water service providers will provide replacement treatment systems designed to remediate PFAS. Nor is there any certainty that such replacement systems—when installed—will be able to remove PFAS concentrations to below the health-based criteria required by the Consent Order.

The public health concerns associated with continuing contamination of the water supply with PFAS originating from Fayetteville Works are particularly acute in light of the GenX Exposure Study PFAS Blood Sample Results published on November 18, 2018.² That study involved an analysis of blood samples from 310 Wilmington residents (44 of whom were sampled

¹ See <https://www.cfpua.org/761/Emerging-Compounds> (showing combined Attachment C PFAS levels in CFPUA finished water exceeding 100 ppt and as high as 300 ppt since June 2019); <https://www.brunswickcountync.gov/genx/> (showing finished water at Brunswick treatment plant exceeding 400 ppt for combined Attachment C PFAS in August 2019 and exceeding 100 ppt through December 2019).

² North Carolina State University Center for Human Health and the Environment, GenX Exposure Study PFAS Blood Sample Results, *available at* <https://chhe.research.ncsu.edu/wordpress/wp-content/uploads/2018/11/Community-event-BLOOD-slides.pdf> (published November 18, 2018).

twice) for 23 PFAS. The results consistently showed newly identified PFAS (including Nafion Byproduct 2, PFO4DA, and PFO5DoDA) in residents' blood.³ Additionally, the sample found that legacy PFAS (including well-established toxins PFOA and PFOS, as well as PFHxS, PFNA, and PFDA) that were previously used at Fayetteville Works remain in residents' blood at levels substantially in excess of background levels for the United States years after C8 manufacturing was discontinued, suggesting that area residents historically were exposed to high levels of those chemicals in their drinking water.⁴ As part of the class action, the *Carey* plaintiffs allege that residents in the area should be entitled to blood tests to ascertain the amount of PFAS in their blood as a result of DuPont's and Chemours' conduct and determine whether additional medical treatment is needed. It is uncertain when or whether that relief (which Chemours opposes) may be available in the class action, and the CAP currently does not include any measures to address the health of area residents. As part of the CAP, Chemours should be required to (a) fund blood tests to ascertain the amount of PFAS in area residents' blood; (b) fund a public health study to assess the health effects of PFAS in residents' blood, including the prevalence of health conditions linked with PFAS in the community and any synergistic effects between newer PFAS and historical PFAS such as PFOA and PFOS that remain in residents' blood; and (c) toll the statute of limitations for any personal injury claims that may exist as a result of PFAS contamination until after the completion of those public health studies.

B. The CAP Fails to Provide Adequate Plans to Remediate Ongoing PFAS Contamination from the Site.

There are three primary flaws in the CAP's remedial proposal with respect to remediation of ongoing PFAS contamination originating from the Fayetteville Works site.

³ *Id.*, slide 26.

⁴ *Id.*, slide 39.

First, the CAP proposes no reduction in PFAS loadings to the Cape Fear River from aerial deposition on more than 70 square miles of the Cape Fear River watershed. Although Chemours maintains that it has reduced loadings to the environment over the last two years, it has taken at best nominal measures to abate the thousands, if not hundreds of thousands of tons of PFAS already emitted into the air. The PFAS deposited on the ground surface has vertically migrated into groundwater that is flowing into the Cape Fear River. As a result, PFAS will continue to impact the DRCs for an indefinite time unless and until RO systems are installed.

Second, the effectiveness of Chemours' measures to remediate PFAS at its own Fayetteville Works facility are highly speculative, unlikely to work, and are projected to extend over an indefinite period. Chemours has not implemented—or even completed investigating—any of the temporary or permanent measures necessary to prevent PFAS contamination from migrating into the Cape Fear River. On the contrary, Chemours' own documentation indicates that PFAS contamination will continue to migrate to the underlying groundwater and into the Cape Fear River *even if* Chemours manages to prevent contamination from migrating directly into the Cape Fear River from its Fayetteville Works facility. As discussed in further detail below, none of the remedies proposed in the CAP will prevent PFAS from contaminating residences at concentrations exceeding the 10/70 Action Levels for many years. Chemours maintains throughout the CAP that it is impracticable to remediate the large tracts of the Cape Fear River watershed contaminated with PFAS. This PFAS has entered the groundwater and is discharging directly into the Cape Fear River and will do so for decades to come. Because this source of PFAS contamination will continue to affect DRCs for the foreseeable future, there is all the more need to protect DRCs by installing RO systems now.

Third, the CAP fails to account for the differing rates of PFAS migration through air, soil, groundwater, sediment, and river water. PFAS will reach the DRCs not as a single “slug” but rather gradually over many years. This means that even if GenX concentrations in the DRCs’ tap water declines below the 140 ppt provisional level or the 10/70 Action Levels, other PFAS will continue to impact the DRCs’ tap water for years to come.

Providing the DRCs with the same level of protection afforded to residents drinking well water near the facility is the only means of protecting human health. Chemours admits that RO systems remove more than 92% of HFPO-DA, ensuring human receptor exposures remain below regulatory limits. There is no reason why the DRCs should not be provided with the same level of protection afforded to residents drinking well water near Fayetteville Works. In order to protect the DRCs, the only viable option is to provide them with RO systems including replacement of filters until such time that *at a minimum* PFAS concentrations decline below the 10/70 Action Levels.

C. The CAP Fails to Provide an Adequate, Scientifically Sound, and Unbiased Risk Assessment.

Chemours has yet to complete satisfactory risk assessments as required by paragraph 14 of the CO. Chemours has yet to properly quantify the risks of PFAS exposure to DRCs and all other individuals affected by Chemours’ contamination. Chemours has failed to comply with CO Paragraph 14’s requirement to establish that Attachments B and C PFAS do not pose an unacceptable risk to human health. Chemours fails to calculate toxicity values (and risks) for 19 out of 20 PFAS, focusing all of its efforts on GenX, the one PFAS for which DuPont and Chemours have produced at least *some* toxicity evaluations. Chemours’ analysis fails to (a) follow standard EPA guidance for deriving toxicity values; (b) adequately address the past decade of scientific literature on GenX’s toxicity; (c) properly weigh and account for the toxicity and human health

risks of GenX, including immunotoxicity; and (d) account for all necessary risks and toxicity information associated with drinking contaminated water. Chemours also manipulates its conclusions by making improper and scientifically unsound assumptions that mask the true risks associated with drinking PFAS-contaminated water and fail to account for exposure risks to sensitive subpopulations.

D. DEQ Must Require Chemours to Implement the Economically and Technologically Feasible Solution of Installing RO Filters for DRCs.

Chemours' claims of technical and economic infeasibility are deeply flawed. Underlying Chemours' claims is an assumption that, if *source-based* remediation is infeasible for any reason, then *no* remedial actions may be required. This is simply false. Even assuming remediation is not feasible, Chemours has failed to analyze or propose any alternative means of protecting human health, property, and the environment, including solutions that *Chemours has already admitted are both technologically and economically feasible: installing household-level RO filters to protect all citizens and homes from ongoing PFAS contamination*. Chemours' failure to consider this alternative is a glaring defect in its CAP, and one that must be addressed particularly given Chemours' repeated suggestions that other remedial measures are or will be either technically or economically infeasible.

Chemours admits that installing RO systems is the only practical method for protecting homes near its facility on well water with PFAS concentrations exceeding the 10/70 Action Levels. This is the only practical method for protecting the DRCs as well. Therefore, the CAP should also require Chemours to pay for the acquisition, installation, operation and maintenance of RO systems for all residences in the counties above that are serviced by municipal water authorities drawing water from the Cape Fear River. During the interim period until Chemours compensates the DRCs for installing RO systems, Chemours should also compensate the DRCs for the cost of purchasing

bottled water. Additionally—and particularly in light of Chemours’ inadequately supported excuses for failing to propose adequate remedial measures—DEQ must seek to hold Chemours’ predecessor, DuPont, liable for its role in contaminating the Cape Fear River watershed with PFAS. As yet, DuPont has not been required to account for or contribute to the remediation of the contamination caused by its activities, for which it is jointly liable along with its successor, Chemours. Chemours’ claims of economic infeasibility cannot be properly evaluated without considering DuPont’s joint and several liability for the historical discharges of PFAS, which have spanned decades, and for which DuPont must also be held responsible.

* * *

The comments below provide further detail on the points raised above, including an introductory section briefly summarizing the history of Chemours’ and DuPont’s production of toxic PFAS and subsequent contamination of surrounding water supplies with these harmful chemicals for decades. This history is critical, as it shows DuPont’s and Chemours’ historical disregard for the health and safety of residents affected by their unlawful discharges and emissions of PFAS and the significant health risks posed by these chemicals (including the Attachment C PFAS or “second generation PFAS,” such as GenX). More important is that it also reveals that Chemours’ recent and ongoing communications with North Carolina residents affected by Chemours’ contamination are misleading in their claims that the PFAS are non-toxic and not harmful to human health.

II. DuPont’s and Chemours’ History of PFAS Contamination and Corporate Irresponsibility

In evaluating the CAP and, more generally, the accountability of DuPont and Chemours for PFAS contamination throughout the Cape Fear River area, understanding DuPont’s long history of PFAS contamination and legacy of corporate irresponsibility in addressing serious

threats to human health and the environment is critical. In particular, the CAP must be evaluated alongside: (a) the state of scientific knowledge regarding the toxicity of PFAS, including DuPont's stipulated acknowledgement that exposure to C8 (the predecessor chemical to GenX and other Attachment C PFAS that was manufactured at Fayetteville Works until 2010) in drinking water at concentrations of 50 ppt and above presents risks to human health; (b) the growing body of scientific literature confirming that second generation PFAS, such as those originating from Fayetteville Works, pose health risks substantially identical to those posed by C8; and (c) that the mishandling of these toxic chemicals by DuPont and Chemours has resulted in the presence of PFAS in drinking water throughout the area at levels exceeding 70 ppt, significantly above the level at which C8 was determined to be dangerous to human health by a jointly appointed C8 Science Panel ("C8 Panel") in prior litigation.

DuPont's and Chemours' history with PFAS began in 1951, when DuPont began using C8 at its Washington Works plant in Parkersburg, West Virginia.⁵ C8 was used as a manufacturing aid in the production of Teflon™.⁶ Concerns about the toxicity of C8 surfaced internally within DuPont as early as 1954, and DuPont confirmed C8's toxicity to animals at least as of 1961.⁷ By 1978, the manufacturer of DuPont's C8, the 3M Company, had confirmed that C8 was detectable in workers' blood, and by 1980, DuPont confirmed it was toxic to humans, accumulated in human bodies, and that exposure to C8 was intolerable.⁸ Despite the toxicity of C8, DuPont continued using it as a processing aid.

⁵ See *Leach v. E.I. du Pont de Nemours & Co.*, No. 01-C-608, 2002 WL 1270121, at *3 (W. Va. Cir. Ct. Apr. 10, 2002) (findings of fact from Order on Class Certification).

⁶ See *In re E. I. du Pont de Nemours & Co. C-8 Pers. Injury Litig.*, No. 2:13-CV-170, 2016 WL 659112, at *1 (S.D. Ohio Feb. 17, 2016).

⁷ *Leach*, 2002 WL 1270121, at *4.

⁸ *Id* at 4.

DuPont began discharging PFAS, including both C8 and newer PFAS such as hexafluoropropylene oxide dimer acid (HFPO-DA) (also known as GenX), from its vinyl ether manufacturing process at Fayetteville Works into the Cape Fear River as early as 1980. Yet, DuPont did not make any comprehensive report of its historical discharges or conduct any health-based study on any of these PFAS discharged into the Cape Fear River, there is not yet a comprehensive study of the PFAS to which Cape Fear River area residents have been exposed as a result of the historical discharges from Fayetteville Works, and there has not yet been any study of any epidemiological impacts caused by DuPont and Chemours.

In May of 2000, when the 3M Company announced it would stop manufacturing C8 (after internal studies increasingly raised concerns about its biopersistence and toxicity), DuPont made the decision to manufacture C8 at Fayetteville Works in North Carolina.⁹ According to DEQ's internal timeline of DuPont's Clean Water Act National Pollution Discharge Elimination System ("NPDES") permitting changes, DuPont's May 2001 NPDES permit application sought to permit discharges of process wastewater containing C8 from a "new Teflon® facility" at Fayetteville Works.¹⁰

Around the time when DuPont began manufacturing PFAS in North Carolina in 2000/2001, a series of lawsuits were filed against DuPont to hold it accountable for contaminating a drinking water supply in West Virginia with C8 and for causing personal and property injury as a result of that contamination.¹¹ The *Leach* case in particular involved a class action brought by a group of individuals who alleged common law tort claims (under West Virginia law) for equitable, injunctive, and declaratory relief, along with compensatory and punitive damages, as a result of

⁹ *Id.*

¹⁰ See *Chemours NPDES Permit File Timeline*, <https://assets.adobe.com/public/08e2e4d7-eeca-4164-70fb-8b9cee2d3629>.

¹¹ See *Leach*, 2002 WL 1270121, at *1.

alleged drinking water contamination. The Wood County Circuit Court certified the class in April 2002.¹² After several years of litigation, the parties reached a settlement (the “*Leach* Settlement Agreement”) that established a procedure to decide whether the approximately 80,000 class members would be permitted to proceed with individual actions against DuPont based on any of the human diseases alleged to have been caused by exposure to C8.¹³

The procedure required the parties to establish a Science Panel composed of three independent epidemiologists to study whether there was a link between exposure to C8 in drinking water (of .05 parts per billion, or **50 ppt** over the course of one year) and human disease among the *Leach* class.¹⁴ The Settlement Agreement contractually bound both parties to the results of the Science Panel’s findings. Specifically, if the Science Panel issued a “Probable Link Finding”—that is, a finding that it was more likely than not that there is a link between exposure to C8 and a particular human disease (for class members exposed to C8 at 50 ppt over the course of one year)—then DuPont waived its right to challenge in individual cases whether a particular Class Member’s dose of C8 (at 50 ppt) was sufficient to be capable of causing a disease with a “Probable Link” finding.¹⁵ “Probable Link” findings ultimately were issued for kidney cancer, testicular cancer, thyroid disease, ulcerative colitis, diagnosed high cholesterol (hypercholesterolemia), and pregnancy-induced hypertension and preeclampsia.¹⁶

¹² *Id.*

¹³ See Class Action Settlement Agreement, *Leach v E.I. du Pont de Nemours & Co.* (Nov. 17, 2004) (No. 01-C-608), <https://www.hpcbd.com/dupont/Settlement-Agreement.pdf>.

¹⁴ See *Leach Settlement Agreement* §§ 2.1.1; 12.

¹⁵ *In re E. I. du Pont de Nemours & Co. C-8 Pers. Injury Litig.*, 314 F. Supp. 3d 868, 873 (S.D. Ohio 2014) (“If the Science Panel found that it was ‘more likely than not that there is a link between exposure to C–8 and a particular Human Disease among Class Members,’ the Panel then issued a Probable Link Finding for that specific disease and DuPont waived its right to challenge whether ‘it is probable that exposure to C–8 is capable of causing’ the Linked Disease, *i.e.*, general causation. ([Settlement Agreement] § 3.3).”).

¹⁶ See *C8 Probable Link Reports*, C8 Science Panel, http://www.c8sciencepanel.org/prob_link.html.

Because the Science Panel made numerous Probable Link findings, the Settlement Agreement provided that individual class members could pursue personal injury claims individually.¹⁷ Following several bellwether trials—first for Carla Bartlett (resulting in a \$1.6 million jury verdict), and second for David Freeman (resulting in a \$5.1 million jury verdict)—DuPont and its new spin-off, Chemours, agreed to a joint global settlement of the individual personal injury suits flowing out of the *Leach* settlement, to the tune of **\$670 million**, split evenly between DuPont and Chemours.¹⁸

DuPont was also being pursued by the U.S. Environmental Protection Agency (“EPA”) to remediate the harmful effects of its contamination of the water supply in West Virginia. In March 2009, DuPont and the EPA reached a Consent Order (“West Virginia 2009 Consent Order”) in which DuPont agreed to offer water treatment or bottled water to people on *private or public* water systems if the level of C8 reached **40 ppt**.¹⁹

In an attempt to shed future liabilities associated with C8, DuPont began searching for replacements to C8. In 2009—shortly before it agreed to remediate water contaminated with C8 at 40 ppt—DuPont and the EPA reached a separate Consent Order under Section 2619 of the Toxic Substances Control Act (the “2009 TSCA Consent Order”) that permitted DuPont to begin manufacturing GenX as a replacement PFAS for C8.²⁰ EPA noted that the scientific studies submitted by DuPont were “insufficient to permit a reasoned evaluation” of the human health

¹⁷ See *Leach Settlement Agreement* § 3.3.

¹⁸ See *The Chemours Company, Investor Presentation* at 2, 10 (March 2017), https://s21.q4cdn.com/411213655/files/doc_presentations/March-2017-Chemours-Investor-Presentation.pdf.

¹⁹ See *EPA Order on Consent, In the Matter of E.I. du Pont de Nemours and Company*, No. SDWA-05-2009-0001; SDWA-03-2009-0127 DS (Mar. 10, 2009), <https://www.epa.gov/sites/production/files/2016-05/documents/dupont-finalorder09.pdf>.

²⁰ See *Consent Order and Determinations Supporting Consent Order, In the Matter of DuPont Company*, Premanufacture Notice Nos. P-08-508 and P-08-509 (Jan. 28, 2009), https://chemview.epa.gov/chemview/proxy?filename=sanitized_consent_order_p_08_0508c.pdf.

effects of GenX, and “in light of the potential risk of human health and environmental effects,” limited the manufacture, distribution, and disposal of the chemical.²¹ In particular, it was obliged to “recover and capture (destroy) or recycle” GenX “at an overall efficiency of 99% from all effluent process streams and . . . air emissions.”²²

But as DEQ well knows, the Consent Order in this case is attributable to the fact that DuPont and its successor, Chemours, failed to follow the EPA Order and NPDES permit it agreed to abide by, discharging untold sums of PFAS into the Cape Fear River watershed and placing the health and safety of affected residents at risk.

Equally problematic is the fact that Chemours is **representing to local residents and the general public** that “there is no indication of any harmful health effects of PFAS at these low levels,” with “low levels” referring to “any household with per- and polyfluoroalkyl substances (‘PFAS’) that are (1) at or above 10 ppt for any one PFAS, or (2) at or above 70 ppt for total PFAS.”²³ It has made this representation despite agreeing specifically in the Consent Order to conduct third party toxicity studies “informative to human health,” *see* Consent Order ¶ 14, despite the fact PFAS have been found in the water supply at levels well in excess of the 50 ppt exposure standard identified in the “probable link” findings by the Science Panel in the C8 litigation, and despite the availability of numerous studies demonstrating the harmful health effects of GenX and newer, second-generation PFAS.²⁴ And the California Department of Toxic Substances Control has reviewed emerging scientific studies on GenX and found that

²¹ *Id.* at xv, 36.

²² *Id.* at 36.

²³ *See, e.g., C3 Dimer Acid and PFAS*, The Chemours Company, <https://www.chemours.com/en/about-chemours/global-reach/fayetteville-works/fayetteville-works-toxicology> (last visited Feb. 26, 2020); *Letter 2B to local residents*, <https://files.nc.gov/ncdeq/GenX/consentorder/paragraph19/Letter-2B-offering-RO-and-Table-3-results-Over-10-ppt---represented.docx>.

²⁴ *See, e.g.,* Melisa Gomis et al., *Comparing the toxic potency in vivo of long-chain perfluoroalkyl acids and fluorinated alternatives*, 113 *Environ. Int'l* 1 (2018); Gloria Post et al., *Key scientific issues in*

PFECAs and shorter-chain PFAAs may have similar or higher toxic potency than the longer-chain PFAAs they are replacing. Using a toxicokinetic model and existing toxicity data sets, a recent study found that PFBA, PFHxA, and PFOA have the same potency to induce increased liver weight, whereas *GenX is more potent*. The authors concluded that previous findings of lower toxicity of fluorinated alternatives in rats were primarily due to the faster elimination rates and lower distribution to the liver compared to PFOA and other longer-chain PFAAs.²⁵

Chemours' representations that there is “*no indication*” of any harmful health effects of PFAS at the Action Levels set by the Consent Order is highly misleading at best, particularly without a disclosure or explanation that there is no indication that PFAS at the Action Levels are *not* harmful to human health. Chemours should be required to make corrective disclosures to area residents regarding the potential adverse health effects resulting from exposure to PFAS at levels in excess of the Action Levels, and the lack of any basis to represent that there is not a risk of adverse health effects from exposure at those levels.

Geography

As the CAP states, “The Cape Fear River is a water source for a number of communities downstream of the Site. Raw water intakes are located at Bladen Bluffs and Kings Bluff Intake Canals, located approximately 5 miles and 55 miles downstream from the Site, respectively.”²⁶

developing drinking water guidelines for perfluoroalkyl acids: Contaminants of emerging concern, 15 PLoS Biol e2002855 (2017); Melissa Gomis, *From emission sources to human tissues: modelling the exposure to per- and polyfluoroalkyl substances*, (2017); Nan Sheng et al., *Cytotoxicity of novel fluorinated alternatives to long chain*, 92 Archives of Toxicol. 359 (2017); Melisa Gomis et al., *A modeling assessment of the physicochemical properties and environmental fate of emerging and novel per- and polyfluoroalkyl substances*, 505 Sci. of the Total Environ. 981 (2014); J.M. Rae et al., *Evaluation of chronic toxicity and carcinogenicity of ammonium 2,3,3,3- tetrafluoro-2-(heptafluoropropoxy)-propanoate in SpragueDawley rats*, 2 Toxicol. Rep. 939 (2015).

²⁵ *Product – Chemical Profile for Perfluoroalkyl and Polyfluoroalkyl Substances (PFASs) in Carpets and Rugs* at 29, California Department of Toxic Substances Control (2018).

²⁶ CAP at xii

These raw water intakes supply water to the CFPUA, the BCPU, and the Pender County Utility, among others.

The PFAS in the Fayetteville Works facility's wells and surface water drainage features, and found in the drinking water supplies of DRCs, originated from both Chemours and DuPont. DuPont began discharging GenX and other PFAS into the Cape Fear River as early as 1980. Such releases continued to occur after Chemours was spun off from DuPont in 2015.

Historically there have been three release routes of PFAS from Fayetteville Works to the environment, and these release routes continue to impact DRCs:

- 1) emissions to air that have settled on more than 70-plus square miles in the Cape Fear River watershed, and migrate into the Cape Fear River;
- 2) releases of process water to subsurface soil and groundwater that migrates into the Cape Fear River; and
- 3) releases of process wastewater directly into the Cape Fear River.

These release pathways are now being controlled by Chemours, and as Chemours states, they "have resulted in secondary sources of PFAS in the environment to groundwater and surface water receptors."²⁷ As stated in the CAP:

Historical releases resulted in the following secondary sources of PFAS being present in the environment:

- PFAS in unsaturated soils from aerial deposition infiltrating to groundwater. Aerial deposition has resulted in a distributed, non-point source of PFAS in onsite and offsite soils that represent a secondary source to groundwater. Infiltrating rainfall has transported these PFAS downward to groundwater.
- PFAS in soils and groundwater from Site process water releases. Process water leaks in the manufacturing areas resulted in PFAS in Site soil and groundwater. Based on the hydrogeology of the Site, these PFAS are detected in the Perched Zone, Surficial Aquifer, or

²⁷ CAP at xii.

Black Creek Aquifer and then migrate towards primarily the Cape Fear River and Old Outfall 002 with some component reaching Willis Creek.²⁸

III. The CAP Fails to Protect Human Health

The CAP fails to protect human health, because it does nothing to address the ongoing contamination of DRCs' water supplies with PFAS.

To address PFAS in the environment from past (*i.e.*, legacy) releases, the CAP developed objectives and cleanup goals to guide the evaluation and selection of corrective actions. The CO's remedial and management goals for Fayetteville Works are:

- reduce the total loading of PFAS originating from the facility to the Cape Fear River by at least 75 % from 2017 levels (CO paragraph 16);
- provide whole-building filtration units and RO units to qualifying surrounding residents with water exceeding the 10/70 Action Levels (CO paragraphs 19 and 20);
- comply with 15A NCAC 02L .0103 ("2L Rules") (CO paragraph 16), including following the policy for the intention of the 2L Rules "to maintain and preserve the quality of the groundwaters, prevent and abate pollution and contamination of the water of the state, protect public health, and permit management of the groundwaters for their best usage by the citizens of North Carolina"; and
- comply with other requirements of the CO.²⁹

However, nowhere in the CAP does Chemours comply with the 2L Rules, including following the policy for the intention of the 2L Rules to "prevent and abate pollution and contamination" of the Cape Fear River so that is safe for consumption by the DRCs.

²⁸ CAP at 19-20.

²⁹ CAP at 48.

A. DRC Sampling Results.

DRCs' water remains contaminated with PFAS approximately two years after Chemours ceased discharging PFAS directly into the Cape Fear River watershed via Outfall 002.

In August and October 2019, Plaintiffs' counsel collected and analyzed samples from 36 residences in Bladen, Brunswick, Columbus, Cumberland, New Hanover, and Pender Counties. Samples were collected from residences serviced by private well water and municipal water. Most of the residences that were sampled are serviced by municipal water providers including the CFPUA and the BCPU. All residences were sampled for PFAS listed in Attachment C to the Consent Order filed in *State of North Carolina, ex rel., Michael S. Regan, Secretary, North Carolina Dept. of Env'tl. Quality v. The Chemours Company FC, LLC*, No. 17 CVS 580.³⁰ The results are summarized in the spreadsheet attached as Appendix A.

Twenty-seven (27) residences serviced by municipal water providers including the CFPUA and BCPU were sampled in Brunswick, Columbus, New Hanover, and Pender Counties. The samples were collected from either the tap or water heaters of the residences.

All samples collected from the taps of these residences had contaminant concentrations exceeding the threshold for installation of RO systems pursuant to Paragraph 20 of the CO; ***every single sample had PFAS concentrations exceeding the 10/70 Action Levels.*** It is important to recognize that the residents serviced by municipal water exceeding the Paragraph 20 criteria are drinking water that has ***already been treated*** by the municipal water providers. Further, these residences are contaminated ***two years*** after Chemours purportedly ceased its discharge from Outfall 002.

³⁰ Samples collected in June 2018 and March 2019 were analyzed in accordance with EPA Method 537 and samples collected in August 2019 and October 2019 were analyzed in accordance with EPA Method 537.1. All analysis was conducted by GEL Laboratories, LLC (Charleston, SC).

IV. The CAP Fails to Provide Adequate Plans to Remediate PFAS Contamination

The CAP fails to provide adequate plans and proposals to remediate ongoing PFAS contamination in order to protect DRCs. In some instances, Chemours offers *no solution* to a major source of continuing PFAS contamination (from aerial depositions outside Fayetteville Works), and in others offers proposals that are so tentative and under-investigated as to provide no assurance of any remedial efficacy at all. Nowhere in the CAP has Chemours calculated how long the Cape Fear River will continue to be impacted by PFAS migrating from the Cape Fear River watershed or the seeps at and near Fayetteville Works. Nor has Chemours determined how long the DRCs' water will continue to exceed the 10/70 Action Levels. Given the absence of such critical information, it is safe to assume that Chemours knows that the river and the DRC water supplies will be exceeded for decades, if not indefinitely.

Three major flaws are highlighted in the subsections that follow.

A. The CAP Proposes No Reduction in PFAS Loadings to the Cape Fear River from Aerial Deposition on the Cape Fear River Watershed and Consequently PFAS Will Continue to Impact the DRCs for an Indefinite Time Until RO Systems Are Installed.

The CAP proposes no reduction in PFAS loadings to the Cape Fear River from aerial deposition on the Cape Fear River watershed. As a result, PFAS will continue to impact the DRCs for an indefinite time unless and until RO systems are installed.

Aerial depositions of PFAS are a substantial source of ongoing PFAS contamination. In addition to PFAS being discharged directly into the Cape Fear River from outfalls and groundwater seeps at and near Fayetteville Works, Chemours also discharged PFAS into the air from its process operations. These PFAS then settled on the surrounding land within the Cape Fear River

watershed. As stated in the CAP, “the aerial PFAS signature [*sic*] are diffuse, at lower concentrations *over a 70+ square mile area*. . .”³¹

PFAS deposition on land makes its way into groundwater. As the CAP itself states, “Historical releases resulted in . . . PFAS in unsaturated soils from aerial deposition infiltrating to groundwater. Aerial deposition has resulted in a distributed, non-point source of PFAS in onsite and offsite soils that represent a secondary source to groundwater. *Infiltrating rainfall has transported these PFAS downward to groundwater.*”³² Below is a diagram from the CAP showing, with blue dots, the location of groundwater contamination—detected to date—caused by the vertical migration of PFAS from aerial deposition on the surface down to the groundwater below:

³¹ CAP at 23 (emphasis added).

³² CAP at 19 (emphasis added).

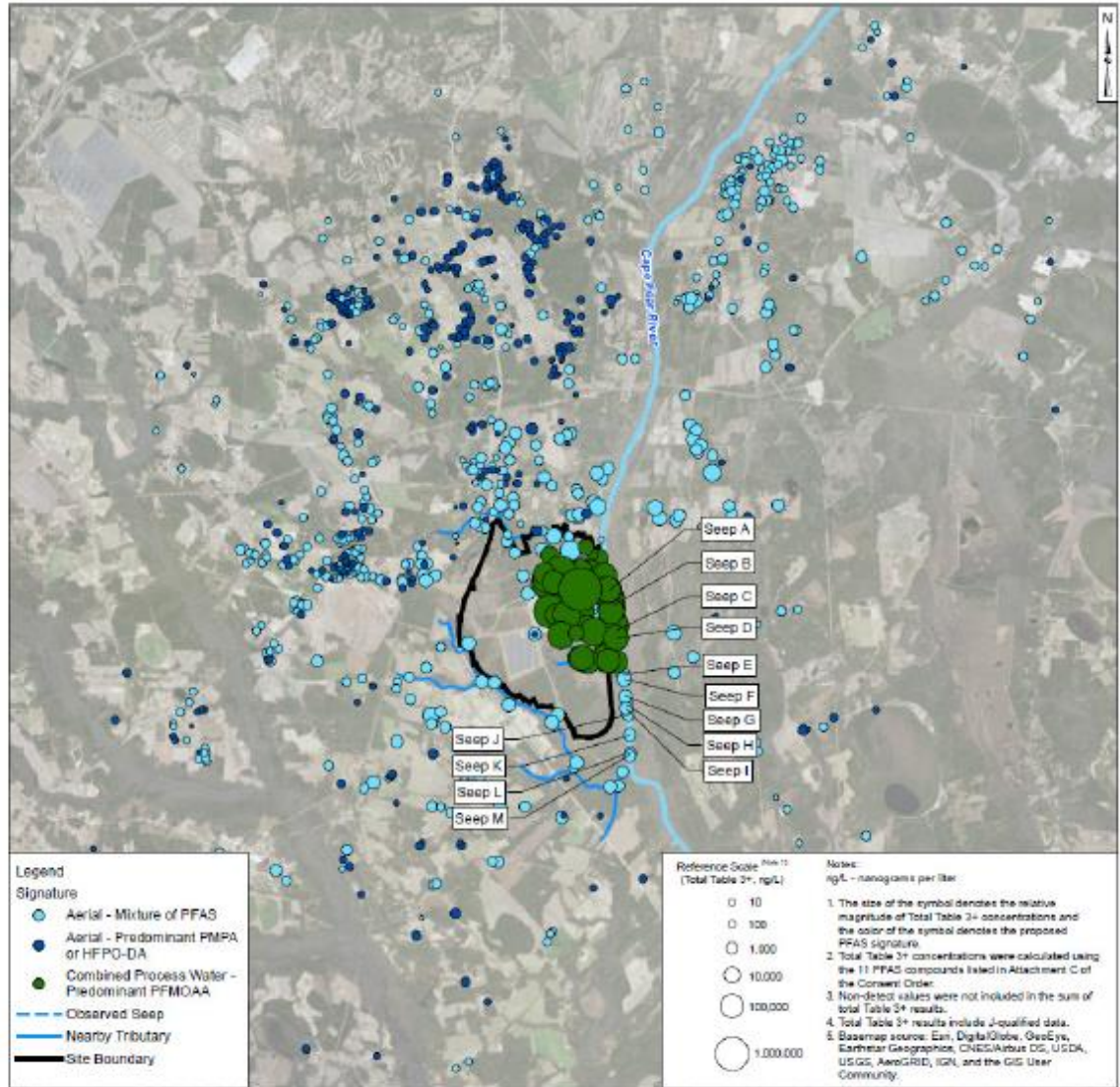


Figure 2: PFAS Signatures by Primary Source

Source: CAP at 24.

The contribution of these PFAS from aerial deposition on the Cape Fear River watershed over such a large area means that the PFAS which has now migrated vertically into the groundwater will continue to be discharged from the groundwater and over-land flow into the Cape Fear River for years to come.

The CAP acknowledges that, at a minimum, the deposition of PFAS-contaminated air emissions from Fayetteville Works have reached and contaminated soil and groundwater over 70

square miles.³³ This is a low estimate. Groundwater samples from an offsite drinking water well approximately 9.3 miles away from the Fayetteville Works facility (Well *Cumberland-1D*) tested positive for GenX.^{34 35} Therefore, the areal extent of PFAS impacts to soil and groundwater is at least 272 square miles (using the 9.3 mile distance from the facility to the contaminated well as the radius).³⁶

Although Chemours maintains that it has reduced loadings to the environment over the last two years, it has taken at best nominal measures to abate the thousands of pounds, if not tons of PFAS already emitted into the air. For example, Chemours admits that its air emissions likely contained 5 tons per year of HFPO-DA (GenX): “Air emission reductions to date, on an annualized basis for 2019, have resulted in an estimated yearly reduction of 2,150 pounds of HFPO-DA, a greater than 93% reduction.”³⁷ Chemours has provided no information on the amount of other PFAS that was emitted into the air over the years and settled on the Cape Fear River watershed.

The PFAS deposited on the soil have already migrated a significant downward distance to the underlying groundwater. Although discontinuous in some areas, there is a subsurface confining layer of lower permeability silty or sandy clay that separates the surficial, shallow aquifer from a more extensive, deeper aquifer.³⁸ For example, offsite Well *Bladen-2D* was screened at 70 to 75 feet below the ground surface in the more extensive, deeper Black Creek Aquifer.³⁹ Groundwater samples from this well are contaminated with GenX and other PFAS.⁴⁰ This and many other of the

³³ CAP at xii, xvi, 23, 56, 57 and 76; and Table 4.

³⁴ CAP at App. A – On and Offsite Assessment Tables, Table A 9-4.

³⁵ CAP at App. A – On and Offsite Assessment Tables, Figure A4-2B. Chemours incorrectly shows on this figure that samples from Well *Cumberland-1D* contains < 3.8 ng/L of GenX. Samples from this well actually contain up to 5 ng/L of GenX; *see* Table A 9-4.

³⁶ $9.3^2 \times \pi = 271$.

³⁷ CAP at 29.

³⁸ CAP at 11.

³⁹ CAP at App. A – On and Offsite Assessment Tables, Table A 6-3.

⁴⁰ CAP at App. A – On and Offsite Assessment Tables, Table A 9-4.

deep on- and offsite wells were screened in the Black Creek Aquifer.⁴¹ This aquifer is composed of high permeability fine to medium sand.⁴² This aquifer is hydraulically connected to the Cape Fear River,⁴³ and groundwater in this aquifer can flow toward the Cape Fear River at 28.0 feet per day.⁴⁴

Rather than address this extensive source of contamination, Chemours has thrown up its hands: Chemours plainly believes that it simply may never be possible to remediate the PFAS that has been deposited on the surface—and migrated through the groundwater—into the Cape Fear River. In the CAP, it maintains that:

The *technical and economic infeasibility* of Table 3+ PFAS remediation is driven by two factors, (a) the large areal extent PFAS are detected and (b) the *lack of remedial technologies* that are effective over large areas and effectively destroy PFAS mass in-situ at a technically achievable and affordable scale. To date Table 3+ PFAS have been detected over an area of 70+ square miles (over 45,000 acres). *The size of the area encompasses hundreds of private land parcels and any remedial construction activities using currently available remedial technologies (excavation and groundwater extraction) would be very disruptive to the local community and this disruption would continue for a lengthy period of time. Any remedy which in principle could help make progress towards PQLs over this large area would cost in the billions to tens of billions of dollars. . . . Additionally, there are no currently available remedies that are expected to be able to meet PQLs over an area this large.*⁴⁵

Simply put, Chemours is proposing *no measures to remediate the 70+ square miles of historic PFAS contamination* that has percolated down into the groundwater and remains a source of contaminant loading to the river.

⁴¹ CAP at App. A – On and Offsite Assessment Tables, Table A 6-3.

⁴² CAP at 11.

⁴³ CAP at 12 and 70.

⁴⁴ CAP at App. A – On and Offsite Assessment Tables, Table A 6-4.

⁴⁵ CAP at 56.

To avoid taking any measures to remediate this contamination, Chemours has simply said, *first*, that it is not technologically and economically feasible, and *second*, that its Human Health Screening Level Exposure Assessment (HH-SLEA) and Ecological Assessment show that there is *no need to do anything* to remedy these harms.

Chemours is wrong. Not only are its assessments flawed, *see* Section V below, but it is clear that these sources of contamination *continue to contaminate the Cape Fear River water supply and, as a result, the homes of DRCs*. What Chemours has *not* addressed is the technological and economic feasibility of installing RO systems for DRCs. And it is clear that, in fact, the only means of protecting these DRCs is to provide them with RO systems.

B. Remediation of the Groundwater Seeps at Fayetteville Works Will Also Span an Indefinite Timeframe Further Necessitating the Installation of RO Systems at the DRCs.

Unlike the offsite aerial depositions discussed above, Chemours has agreed to engage in some remedial measures to clean up PFAS at its own Fayetteville Works facility. But as explained below, these measures are highly speculative, unlikely to work, and are projected to extend over a long period of time. Because this source of PFAS contamination will continue to affect DRCs for the foreseeable future, there is all the more need to protect DRCs by installing RO systems now.

The CAP presents nine purported remedial actions and two interim actions for discharges at and near Fayetteville Works including groundwater seeps, Willis Creek, Georgia Branch Creek and Old Outfall 002. The overall schedule for implementation and expected reductions are shown below in Table ES2.

Table ES2: Overall Estimated Reductions Plan Schedule and Reductions to Cape Fear River Total Table 3+ PFAS Loadings

Proposed and Provisional Remedial Alternatives	Loading Reduction	Duration (Years)	Year					
			2019	2020	2021	2022	2023	2024
Air Abatement Controls and Thermal Oxidizer ¹	<2%	1	✓					
Conveyance Network Sediment Removal - Outfall 002 ²	NQ ³	1	✓					
Capture and Treat Old Outfall 002	26%	1						
Terracotta Pipe Replacement - Outfall 002	0.1%	2						
Stormwater Pollution Prevention Plan - Outfall 002	NQ ³	1						
Groundwater Intrusion Mitigation - Outfall 002	0.7%	2						
Interim Action - CFR Seeps	NQ ³	2						
Interim Action - Onsite Groundwater	NQ ³	1						
Targeted Stormwater Control - Outfall 002	1.3%	4						
Ex Situ Capture and Treatment - CFR Seeps ⁴	33%	4						
Onsite Groundwater Treatment	18%	5						
Cumulative Estimated Total Table 3+ PFAS River Reductions to River ⁵	79%	--	<2%	26%	27%	43%	60%	79%

Notes

- Schedule for multiple alternatives are dependent upon permitting requirements.
- Loading reductions to CFR based on average of May, June, Sep. 2019 data
- Duration listed for implementation
- 1 - Scheduled implementation is December 31, 2019.
- 2 - Completed October 2019.
- 3 - Anticipated reduction from action cannot be quantified at present.
- 4 - Assumed to be Ex Situ Capture as the permanent remedial alternative for seeps.
- 5 - Cumulative estimated reductions assumes:
 - a) that reductions are achieved at the end of the implementation period; and
 - b) that the time period for contingent actions is not needed.

Legend

Action Complete	✓
Planned Action Implementation Period	
Time Period for Contingent Actions	

Source: CAP at xix.

As can be seen from Table ES2, many of these 11 actions have merely “*planned* action implementation period[s],” or “time periods for *contingent* actions” with no definitive end dates—and will take an indeterminate amount of time.⁴⁶ In fact, the only remedial measures that have been implemented—namely, Air Abatement Controls and Thermal Oxidizer, and Conveyance and Capture Sediment Removal—collectively mitigates *less than a 2% reduction* in loadings to the Cape Fear River.⁴⁷

Even longer time frames are indicated in Consent Order Table 10 (site cleanup goals), in which many items have planning periods and contingency periods that extend beyond *5 years*:

⁴⁶ CAP at xvii.

⁴⁷ CAP at 33, Table 7.

Media / Pathway	Cleanup Goal Basis	Near Term (2 years)	Intermediate Term (up to 5 years)	Long-Term (>5 years)
Cape Fear River	<ul style="list-style-type: none"> - CO paragraph 16: minimum 75% reduction of Table 3+ PFAS Loading - Reduce HFPO-DA and Table 3+ PFAS loading concentrations such that exposures continue to decrease as provided in SLEAs. 	<ul style="list-style-type: none"> - Begin implementation of interim actions proposed in this CAP to decrease Table 3+ PFAS loading to the Cape Fear River. 	<ul style="list-style-type: none"> - Complete implementation of interim actions and proposed corrective actions outlined here to reduce Table 3+ PFAS loading to the Cape Fear River by at least 75% from baseline. 	<ul style="list-style-type: none"> - Achieve 75% Table 3+ PFAS Loading Reduction. - Maintain HFPO-DA and other Table 3+ PFAS in accordance with surface water standards in the Cape Fear River.
Old Outfall 002	<ul style="list-style-type: none"> - CO paragraph 12: capture dry weather flows of Outfall 002 and treat to 99% removal of HFPO-DA and PFMOAA before subsequent discharge. - Supports CO paragraph 16 requirement of minimum 75% Table 3+ PFAS loading reduction in Cape Fear River. - Comply with NPDES permit. 	<ul style="list-style-type: none"> - Implement dry weather flows capture and treat system. 	<ul style="list-style-type: none"> - Maintain dry weather flows capture and treat system as long as needed. 	<ul style="list-style-type: none"> - Maintain dry weather flows capture and treat system as long as needed
Onsite Groundwater Seeps	<ul style="list-style-type: none"> - As per Paragraph 12 Cape Fear River PFAS Loading Reduction Plan reduce Total Table 3+ PFAS mass loading to Cape Fear River. - Supports CO paragraph 16 requirement of minimum 75% loading reduction in Cape Fear River. 	<ul style="list-style-type: none"> - Begin implementing and optimizing interim actions and long-term remedies. 	<ul style="list-style-type: none"> - Seep treatment remedy operating to reduce Table 3+ PFAS loading as long as needed 	<ul style="list-style-type: none"> - Maintain seep treatment remedy as needed
Willis Creek	<ul style="list-style-type: none"> - Achieve economically and technically feasible reductions to support CO paragraph 16 requirement of minimum 75% Table 3+ PFAS mass loading reduction in Cape Fear River. - Reduce discharge to Willis Creek of onsite Table 3+ PFAS with a process water signature 	<ul style="list-style-type: none"> - Implement thermal oxidizer and other air abatement controls to reduce offsite groundwater concentrations over time; offsite groundwater discharges to Willis Creek. - Design and begin construction process for onsite groundwater remedy which will reduce PFAS mass loading via the Black Creek Aquifer to Willis Creek. 	<ul style="list-style-type: none"> - Maintain air abatement controls. - On Site Groundwater Remedy will address PFAS loading to Willis Creek. 	<ul style="list-style-type: none"> - Maintain air abatement controls. - Maintain groundwater remedy as needed

Media / Pathway	Cleanup Goal Basis	Near Term (2 years)	Intermediate Term (up to 5 years)	Long-Term (>5 years)
Onsite and Offsite Soils	<ul style="list-style-type: none"> - Maintain human exposures to HFPO-DA below the NCDHHS reference dose (achieved per HH-SLEA results and replacement drinking water actions) - Maintain ecological exposures below adverse effects levels (achieved per Ecological SLEA results) - 2L requires removal or control of secondary sources to groundwater such as contaminated soils. Per information presented in Section 3.6 much more mass is in groundwater than in soils suggesting soil remediation would have a reduced benefit. 	<ul style="list-style-type: none"> - Implement thermal oxidizer and other air abatement controls to reduce PFAS deposition rates to on and offsite soils. 	<ul style="list-style-type: none"> - Maintain thermal oxidizer and other air abatement controls to reduce PFAS deposition rates to on and offsite soils. 	<ul style="list-style-type: none"> - Maintain thermal oxidizer and other air abatement controls to reduce PFAS deposition rates to on and offsite soils.
Outfall 002	<ul style="list-style-type: none"> - The NPDES permit will develop effluent limits for Outfall 002 - Outfall 002 actions proposed in Chemours CO paragraph 12 Cape Fear River PFAS Loading Reduction Plan 	<ul style="list-style-type: none"> - Comply with NPDES permit - Begin implementing actions proposed in the Reduction Plan 	<ul style="list-style-type: none"> - Comply with NPDES permit (permit is for 5 years) - Implement actions proposed in the Reduction Plan 	<ul style="list-style-type: none"> - Re-apply for NPDES permit - Maintain actions proposed in the Reduction Plan

Media / Pathway	Cleanup Goal Basis	Near Term (2 years)	Intermediate Term (up to 5 years)	Long-Term (>5 years)
Georgia Branch Creek	- Achieve economically and technically feasible reductions to support CO paragraph 16 requirement of minimum 75% Table 3+ PFAS mass loading reduction in Cape Fear River	- Implement thermal oxidizer and other air abatement controls to reduce offsite groundwater concentrations over time.	- Maintain air abatement controls.	- Maintain air abatement controls.
Onsite Groundwater	- Reduce discharge of PFAS with a PFAS process water signature to Cape Fear River and to Willis Creek to support CO paragraph 16 requirement of minimum 75% Table 3+ PFAS mass loading reduction in Cape Fear River (Process water signature discharge to Old Outfall 002 is addressed by Old Outfall 002 capture and treatment system; PFAS historically released in process water does not discharge to Georgia Branch Creek) - Comply with 2L Rules	- Implement interim actions. - Conduct pre-design investigations for on-site groundwater remedy and treatment.	- Implement groundwater remedy.	- Evaluate 2L cleanup standards based on potentially existing cleanup standards developed from newly available scientific studies and potentially more effective remedial approaches recently developed. Presently both technically and economically infeasible to cleanup onsite groundwater to PQLs.
Offsite Groundwater	- Provide replacement drinking water to surrounding residents where groundwater based on requirements of CO paragraphs 19 and 20 - Maintain human exposures to HFPO-DA below the North Carolina Department of Health and Human Services (NCDHHS) reference dose (achieved per HH-SLEA results and replacement drinking water actions)	- Provide replacement drinking water. - Implement thermal oxidizer and other air abatement controls to reduce offsite groundwater concentrations over time.	- Maintain provision of replacement drinking water as long as needed - Maintain air abatement controls.	- Maintain provision of replacement drinking water as long as needed - Maintain air abatement controls.

Source: CAP at 53, *et seq.*

Even worse, the CAP couches much of its language about the efficacy of its remedial plans in highly tentative language filled with caveats and escape hatches.

For instance, according to the CAP, the full extent of offsite PFAS contamination originating from Fayetteville Works is still being investigated.⁴⁸ Chemours acknowledges that extensive investigations and design adaptations will be necessary before contamination can be remediated.

As another example, Chemours states that before groundwater discharges to the Cape Fear River can be addressed, it must “*proceed in developing the detailed design, including collection of extensive pre-design data, for a long-term groundwater containment approach.*”⁴⁹ Chemours continues:

Extensive investigation, analysis, and numerical model refinement would be required to properly design a remedy of this scale. A geotechnical investigation would be required along the alignment (anticipated boring frequency every 100 linear feet) to

⁴⁸ CAP at 34, Sec. 4.1.1.

⁴⁹ CAP at xvii.

determine the depth and penetration resistance of the confining unit. Additional delineation consisting of borings, wells, and in-river flux analyses may also be utilized to properly target the optimal areas for containment needed to achieve the corrective action objectives. Finally, pilot testing, consisting of extraction well drilling and aquifer testing at multiple locations along the alignment, would be performed to determine the optimal well spacing and extraction rates. It is anticipated that in the course of two years, these activities would allow for model refinement and completion of design and permitting effort. In the absence of this pre-design data, the following discussion of a long-term groundwater remedy is *still highly conceptual*.⁵⁰

The CAP is replete with other examples of Chemours' signaling that its remediation plans are indefinite and will take a long time. The CAP proposes both short term interim remedial measures and long-term remedial alternatives, but both types of measures have long time horizons. As an example, the *long-term* remedial alternative for Black Creek Aquifer consists of the construction, operation and maintenance of a barrier wall and groundwater capture. But Chemours proposes no deadline for this proposal. As another example, the "interim remedial alternative advanced for groundwater consists of installing submersible electric pumps in seven existing Black Creek monitoring wells and pumping the water to the OOF2 treatment plant for treatment and discharge."⁵¹ Chemours estimates that this *interim* remedial measure will take *two years to complete*.

Critically, Chemours states openly that it has no estimated time for completion of this remedy: "The schedule for implementation of a groundwater remedy is included in Section 6.5 of this document; the pre-design investigation through detailed design and permitting is expected to take two years. *At the conclusion of the effort*, Chemours would present a detailed onsite remedial design to DEQ for approval."⁵²

⁵⁰ CAP at 71.

⁵¹ CAP at 70.

⁵² CAP at 75

Even more problematic than the extended timeline is that these proposed remedial actions are unlikely to be effective. As an example, the CAP proposes an interim action of extracting groundwater from existing monitoring wells screened in the Black Creek Aquifer—which has one of the largest PFAS loading contributions to the Cape Fear River—and treatment prior to discharge. As an interim remedial approach, Chemours proposes to place small submersible pumps in seven existing onsite groundwater monitoring wells. In an effort to capture a small portion of the PFAS-contaminated groundwater before it reaches the Cape Fear River, these wells would be pumped at a total of 14 gallons per minute (gpm).⁵³ Following DEQ’s approval of the CAP, Chemours expects it will take 12 months to install and operate these small submersible pumps. The operation of these pumps would be monitored for another 12 months. These two years are considered by Chemours to be a “contingent action” and apparently could be modified or discontinued if the pumps do not operate appropriately.⁵⁴ Regardless, this interim remedial approach or contingent action is unlikely to measurably mitigate the discharge of PFAS-contaminated groundwater to the Cape Fear River. Chemours’ own analysis states that a series of purpose-built extraction wells spaced at 50-foot intervals near the Cape Fear River would have to pump at least 4,430 gpm to effectively remediate PFAS contamination.⁵⁵ This groundwater pumping rate is *317-times higher* than Chemours’ proposed interim measure of 14 gpm. The contrast between Chemours’ plan and the reality of its implementation is highlighted in the table below:

Pumping Rate Needed to Remediate PFAS	Pumping Rate Proposed by Chemours
4,430 gallons per minute	14 gallons per minute

⁵³ CAP at 70.

⁵⁴ CAP at Table 13.

⁵⁵ CAP at Table 8.

With respect to long-term permanent remedial measures, in an effort to downplay Chemours' commitment to effectively remediate onsite contamination, the CAP states openly that the efficacy of a long-term remedy is simply uncertain:

The corrective actions proposed in this CAP will be refined over time as both remedial technologies and understanding advance. PFAS are an *emerging class of contaminant*, with the Table 3+ PFAS present at the Site from this facility one of the newer sets of PFAS being examined by the remediation industry. *The state of knowledge regarding the fate and transport properties, toxicological characteristics, and potential remedial approaches for PFAS and Table 3+ PFAS are continuing to evolve and advance.*⁵⁶

In addition, the CAP also states openly that the time horizon for remediation is highly uncertain:

Extensive investigation, analysis, and numerical model refinement would be required to properly design a remedy of this scale, including but not limited to geotechnical borings, contamination distribution investigations, in-river flux analyses, and pilot testing. It is anticipated that in the course of two years, these activities would allow for model refinement and completion of the design and permitting effort. *In the absence of this data, the proposed long-term groundwater remedy is still highly conceptual, and it is not presently possible to conclude with confidence whether this alternative is economically feasible.* At the conclusion of the PDI, Chemours will either present a detailed onsite remedial design or a remedial alternative to DEQ for approval . . .⁵⁷

In other words, even though the Consent Order required concrete plans for remedial action, Chemours has effectively said: more studies are needed, and, even if we conduct them, there's no guarantee they will be technically or economically feasible.

Most alarming, however, is Chemours' suggestion that it should not be held to the 2L Rules at all. Specifically, the CAP states that "NCDEQ and Chemours *may need to consider alternate cleanup standards* conceived under 15A NCAC 02L .0106 (a) and (i) together and 15A NCAC

⁵⁶ CAP at 1.

⁵⁷ CAP at xvii.

02L .0106 (k) individually or risk-based remediation as described by N.C.G.S. § 130A-310.66 *et seq.*”⁵⁸ Chemours suggests rewriting the Consent Order rather than complying with its obligations to protect public health, as required by the 2L Rules and the Consent Order. In short, ***Chemours is reserving its rights to never restore the Cape Fear River to levels that will protect the DRCs.*** In light of Chemours’ sidestepping of its responsibilities under the Consent Order—and the tenuousness of the proposals made in the CAP—the only method to protect the DRCs in the short and foreseeable future is for them to be provided with RO units.

There is also no certainty that total loadings from groundwater into the Cape Fear River will decrease within a certain timeframe. That is, there is no definitive decreasing trend in PFAS-contaminated water reaching the Cape Fear River. For example, PFAS-contaminated surface water is present in Georgia Branch Creek, which discharges to the Cape Fear River. For example, while “Total Table 3+ PFAS concentrations from wells PW-02 and PW-14 were approximately 100 times lower in the resampled results compared to the original samples (15,000,000 to 140,000 ng/L and 18,000,000 to 160,000 ng/L respectively),”⁵⁹ there is no indication that the purported decrease is due to factors outside of chemical loadings, such as dilution from increased groundwater flowage rates and volumes.

Chemours also has not evaluated whether the decrease is asymptotic and will reach a plateau which still contributes extensive loadings to the Cape Fear River—in other words, Chemours has provided no analysis of whether PFAS reductions have stabilized and are likely to decrease only nominally over time, or whether PFAS reductions will follow a downward trend. Indeed, Chemours has not even attempted to conduct this analysis at all. Accordingly, all that Chemours can offer is that “The concentrations in these wells will continue to be monitored as part

⁵⁸ CAP at xvi.

⁵⁹ CAP at 20.

of monitoring plan activities described in Section 7.”⁶⁰ As another example, according to the CAP, in some instances, the concentration of PFAS in monitoring wells is actually *increasing* with time. As stated in the CAP, “Total Table 3+ PFAS concentrations for wells PIW-7S and PW-06 following redevelopment and resampling were greater than previous results. For example, total Table 3+ PFAS concentrations for well PW-06 increased from 3,000 ng/L to 4,400 ng/L while well PIW-7S increased from 17,000 ng/L to 54,000 ng/L.”⁶¹

There is also no certainty that total loadings from groundwater into the Cape Fear River will decrease with distance from Fayetteville Works. As stated in the CAP:

Onsite there are four seep features with channelized flow that enter the Cape Fear River. In October 2019, ten offsite groundwater seeps - the Lock and Dam Seep and Seeps E to M - were identified on the west bank of the Cape Fear River to the south of the Site. The seeps were identified by performing a visual survey from a boat on the western side of the Cape Fear River between Old Outfall 002 and Georgia Branch Creek. Flow from these seeps ranged from seeping water from an embankment (*i.e.* trickles) to a visible small stream in one of the seeps. Results from samples collected from the seeps indicate Total Table 3+ PFAS concentrations ranged between 2,600 to 6,800 ng/L. **The seven southernmost seeps (G to M) had similar concentrations to the mouth of Georgia Branch Creek sampled in September (2,100 ng/L).**⁶²

Chemours incorrectly states that there is a decreasing trend in PFAS concentrations while moving southward toward Georgia Branch Creek.⁶³ Although the first few seeps near the Old Outfall 002 (*i.e.*, Seeps E to G) do exhibit higher PFAS concentrations (average 1,000 ng/L of GenX), all of

⁶⁰ CAP at 20.

⁶¹ CAP at 21.

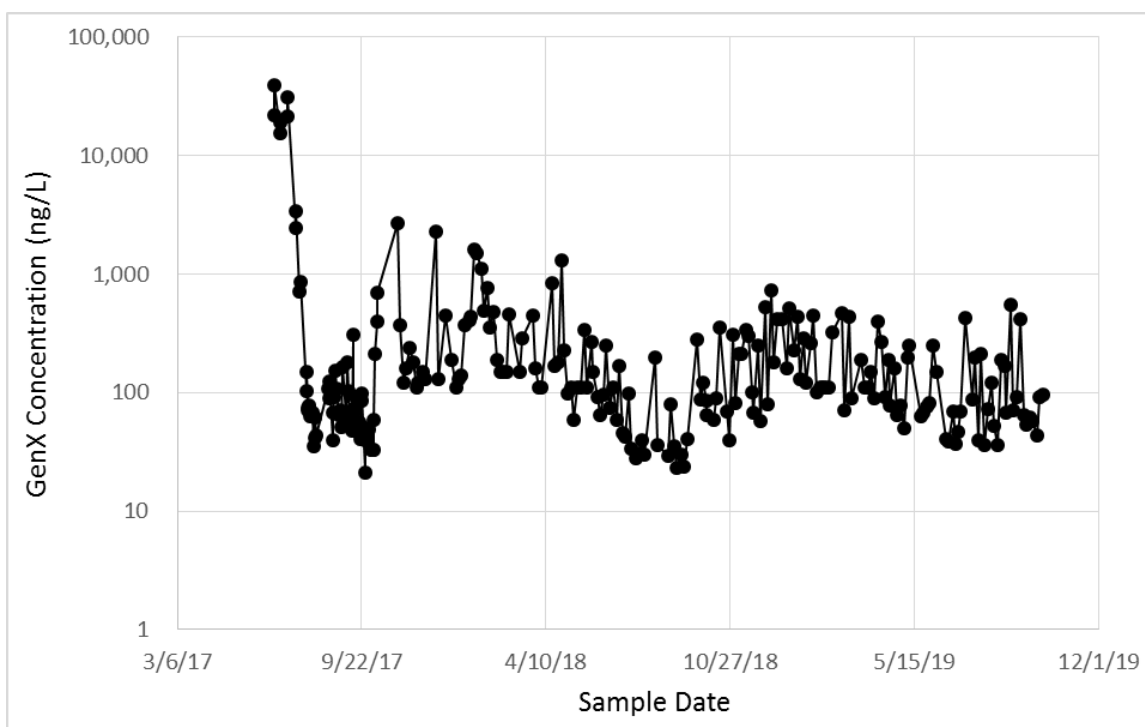
⁶² CAP at 21.

⁶³ CAP at App. D – Southwestern Offsite Seeps Assessment, Offsite Seeps Assessment Memo, December 31, 2019, at 3.

the next six downstream seeps over the next 0.6 miles exhibit similar PFAS concentrations (average 572 ng/l GenX).⁶⁴

Further, although the ongoing *discharge* of PFAS-containing water from Outfall 002 has been reduced, the outfall is still providing about 5 percent of the mass-loading to surface water in the adjacent Cape Fear River. And the concentration of GenX and other PFAS in samples collected from Outfall 002 remain elevated.

Figure 1. GenX Concentrations in Samples Collected from Outfall 002 at Chemours Fayetteville Works.



Source: *GenX Surface Water Sampling Sites*, North Carolina Department of Environmental Quality, <https://deq.nc.gov/news/key-issues/genx-investigation/genx-surface-water-sampling-sites>, last visited Jan. 25, 2020.

⁶⁴ CAP at App. D – Southwestern Offsite Seeps Assessment, Offsite Seeps Assessment Memo, December 31, 2019, at Table 1 and Figure 2.

The CAP makes the completely unsupported statement that PFAS contamination will naturally reduce over time, stating, “While other media were not identified as significantly contributing to overall intake, human exposure to PFAS in all environmental media will continue to decrease over time as a result of Facility air emissions reductions.”⁶⁵ However, Chemours has provided *no analytic data, statistics, calculations or regression analyses to support this conclusion*. In fact, as discussed elsewhere throughout these comments, it is likely that the reservoirs of PFAS existing in soil, groundwater and discharges throughout the Cape Fear River watershed will discharge into the Cape Fear River and be consumed by the DRCs for years if not decades to come. Conversely, according to the CAP, “Table 3+ PFAS are not expected to degrade in a reasonable time period in the environment, and therefore this is not a mechanism that will support concentration reductions.”⁶⁶ In short, the CAP states: “Based on professional opinion the costs for on and offsite remediation to PQLs would exceed billions to potentially tens of billions of dollars *and the timeframe would be on the order of multiple decades.*”⁶⁷ (emphasis added)

Once again, Chemours’ inability to remediate the Cape Fear River within any given timeframe means that DRCs will be exposed to PFAS unless they are provided with RO systems. The DRCs simply cannot wait until Chemours eventually—if ever—effectively implements these permanent remedial measures. In the meantime, the DRCs should be provided with RO systems and bottled water. This solution is both economically and technologically feasible, and DEQ should order it pursuant to Chemours’ obligations under the CO.

⁶⁵ CAP at 38.

⁶⁶ CAP at 58.

⁶⁷ CAP at 58.

C. The Differing Rates of PFAS Migration Through Air, Soil, Groundwater, Sediment and River Water Means That PFAS Will Reach the DRCs Not as a Single “Slug” but Rather over Many Years.

The differing rates of PFAS migration through air, soil, groundwater, sediment, and river water means that PFAS will reach the DRCs not as a single “slug” but rather gradually over many years. In lay terms, each PFAS has a different “stickiness” coefficient, meaning that although some PFAS adhere strongly to surfaces, others are less adherent. The technical term for this is “retardation.” Chemours neglects to consider these disparate migration rates.

To explain their variations, Section 3.2 of the CAP provides a description of the physical and chemical properties of Table 3+ PFAS found in the air, soil, groundwater, sediment, and river water and their fate and transport. This table makes clear that PFAS will continue to reach DRCs for an indefinite amount of time due to the differing retardation rates for different PFAS. Pursuant to CO Paragraph 27, Chemours funded a study analyzing the fate and transport characteristics of identified PFAS compounds originating from Fayetteville Works in air, surface water, and groundwater.⁶⁸ The findings of this study establish that although many of the Attachment C PFAS are highly mobile (which explains why they will continue to migrate from and near Fayetteville Works to the municipal water intakes), some of the other Attachment C PFAS are less mobile and thus will continue to be released and reach the intakes for years to come.

Section 3.2 of the CAP summarizes the PFAS values for the octanol-water partition coefficient (K_{ow}), organic carbon-water partition coefficient (K_{oc}), and surface tension of water, which determine the propensity and degree to which PFAS bind to organic carbon in the soil, groundwater, sediment, and river water:

Generally, Table 3+ PFAS are expected to be mobile in the environment given the presence of charged head groups and ether

⁶⁸ Geosyntec, 2019c. Site Associated PFAS Fate and Transport Study Pursuant to Consent Order Paragraph 27 (June 24, 2019).

bonds, but they will experience some retardation due to sorption to soils. For some Table 3+ PFAS, mobility may be enhanced relative to straight-chain, non-ether PFAS by their branched structure and the presence of two charged head groups. The mobility of the Table 3+ PFAS will be retarded by various chemical processes but will likely have lower retardation than long-chain PFAS without ether bonds. Chemical processes expected to have the most impact on mobility are sorption to naturally occurring organic carbon in soil and, in the unsaturated soil zone, preferential partitioning to the air-water interface.⁶⁹

The CAP continues, “ K_{ow} is a standard parameter used for estimating bioconcentration factors. . . Other mechanisms of sorption can also include the potential for PFAS, including Table 3+ compounds to bioaccumulate in organisms.”⁷⁰

Finally, Chemours’ Table 2 demonstrates that PFAS has differing “Measured Log K_{ow} and Calculated Log K_{oc} Values” which indicates that Chemours’ PFAS will reach the DRCs over an extended period of time.

⁶⁹ CAP at 13.

⁷⁰ CAP at 14.

Table 2: Table 3+ Measured Log Kow and Calculated Log Koc Values

Table 3+ PFAS	Log K _{ow} ¹ at pH 5	Log K _{ow} ² at pH 8	Log K _{oc} (L/Kg) ² at pH 5
MMF	<2.92 (1.08)*	<3.11 (1.09)*	--
DFSA	<2.90 (1.19)*	<3.11 (1.05)*	--
MTP	<2.90 (2.19)*	<3.11 (2.42)*	0.52
PPF	<2.93 (2.43)*	<2.98 (2.48)*	0.67
PFMOAA	<2.82 (2.45)*	<2.83 (2.43)*	0.89
NVHOS	2.92	2.93	0.95
R-EVE	3.04	3.14	1.01
PMPA	3.05	3.05	1.02
Byproduct 4	3.09	3.19	1.04
Byproduct 5	3.14	3.23	1.07
PFO2HxA	3.32	3.30	1.17
PEPA	3.63	3.60	1.35
PES	3.80	3.78	1.44
PFECA B	3.98	3.95	1.54
PFO3OA	4.17	4.13	1.65
HFPO-DA	4.24	4.23	1.69
Byproduct 6	4.61	4.57	1.90
Hydro-EVE Acid	4.68	4.66	1.94
Byproduct 2	4.72	4.68	1.96
PFECA-G	4.79	4.77	2.00
PFO4DA	4.98	4.95	2.11
PFESA-BP1	5.09	5.06	2.17
EVE Acid	5.10	5.06	2.17
PFO5DA	5.78	5.72	2.56

¹ Measured by HPLC

Source: CAP at 15.

Thus, Chemours itself admits that different PFAS will be transported at different rates due to different retardation factors. As provided in the CAP, “The retardation factor estimates suggest in the saturated zone *approximately half* of the Table 3+ PFAS will experience minimal retardation where travel times will be similar to groundwater travel times; *i.e.*, factors were close to 1.”⁷¹ The remaining half will experience a wide array of travel times with many likely taking years to reach the DRCs’ water supply.

⁷¹ CAP at 28.

This means that different PFAS, traveling at different speeds, will continue to impact the water consumed by the DRCs at differing times for years if not decades to come. The only means to protect the DRCs during this extended time period is to provide them with RO systems.

V. **The CAP Fails to Provide an Adequate, Scientifically Sound, and Unbiased Risk Assessment as Required by CO Paragraph 14.**

Chemours has yet to properly quantify the risks of PFAS exposure to DRCs and all other individuals affected by Chemours' contamination. In particular, Chemours has failed to comply with CO Paragraph 14's requirement to establish that Attachments B and C PFAS do not pose an unacceptable risk to human health. And more importantly, because there is no basis to conclude that consumption of water contaminated with Attachment C PFAS at levels in excess of the Action Levels does not pose an unacceptable risk to human health, Chemours must provide the DRCs with RO systems and bottled water while an evaluation of the health risks and toxicity values is being executed.

Chemours' toxicity assessment found in Appendix F to the CAP, also referred to as the HH-SLEA, contains numerous errors and underestimates risks to human health. In particular, Chemours has yet to properly quantify the risks of PFAS exposure to DRCs and all other individuals affected by Chemours' contamination. Chemours fails to calculate toxicity values (and risks) for 19 out of 20 PFAS, focusing all of its efforts on GenX, the one PFAS for which DuPont and Chemours have produced at least *some* toxicity evaluations. In addition to Chemours' complete failure to assess toxicity for most of the chemicals at issue (or the interplay between those chemicals amongst one another and with legacy PFAS contamination that remains in area residents' bodies), Chemours' analysis fails to (a) follow standard EPA guidance for deriving toxicity values; (b) adequately address the past decade of scientific literature on GenX's toxicity;

(c) properly weigh and account for the toxicity and human health risks of GenX, including immunotoxicity; and (d) account for all necessary risks and toxicity information associated with drinking contaminated water. Chemours also manipulates its conclusions by making improper and scientifically unsound assumptions that mask the true risks associated with drinking PFAS-contaminated water and fail to account for exposure risks to sensitive subpopulations.

Incredibly, Chemours also fails to address its own data, identified in its TSCA Section 8(e) submissions, demonstrating that GenX-induced toxic effects include liver toxicity (*e.g.*, hypertrophy, single-cell necrosis, peroxisome proliferation, and increased liver weight relative to body weight), hematological effects (*e.g.*, decreased red blood cell count, hemoglobin, and hematocrit), kidney toxicity (*e.g.*, increased kidney weight, necrosis, and hyperplasia), developmental effects (*e.g.*, body weight changes), immune effects (*e.g.*, T cell-dependent antibody response [TDAR] suppression and lymphocyte increases), and suggestive evidence of tumor formation (*e.g.*, liver and pancreatic acinar cell tumors).⁷² Yet the HH-SLEA fails to address any of these impacts.

Chemours' deeply flawed HH-SLEA purports to quantify the risks of exposure of offsite human receptors to 20 PFAS listed in Table 3+ of the HH-SLEA (only one of which is GenX) but not the synergistic effect of these chemicals upon one another (or indeed other PFAS and chemicals found in the DRCs' tap water) or together with PFAS (including PFOS and PFOA) that have bioaccumulated in residents' bodies as a result of DuPont's and Chemours' historical contamination of the water supply. The HH-SLEA purports to quantify exposures of offsite human receptors to released PFAS for several receptor-exposure scenarios, and to provide a provisional

⁷² *Human Health Toxicity Values for Hexafluoropropylene Oxide (HFPO) Dimer Acid and Its Ammonium Salt (CASRN 13252-13-6 and CASRN 62037-80-3) Also Known as 'GenX Chemicals'*, EPA-823-P-18-001 *Public Comment Draft* at 47, U.S. EPA (Nov. 2018), https://www.epa.gov/sites/production/files/2018-11/documents/genx_public_comment_draft_toxicity_assessment_nov2018-508.pdf.

human health hazard characterization for GenX (HFPO-DA) based on quantified intakes and the North Carolina Department of Health and Human Services (“DHHS”) 2017 draft oral reference dose (RfDo).

The HH-SLEA violates fundamental, generally accepted principles of toxicology and risk-assessment practice and ignores standard regulatory guidance, as the below subsections make clear.

First, Chemours fails to calculate toxicity values (and risks) for 19 out of 20 PFAS listed in Table 3+, focusing all of its efforts on GenX, the one PFAS for which DuPont and Chemours have produced at least *some* toxicity evaluations.⁷³

Second, even setting aside Chemours’ failure to adequately analyze the toxicity of 95% of the PFAS listed in Table 3+, Chemours’ analysis itself is deeply flawed, including by its failure to (a) follow standard EPA guidance for deriving toxicity values; (b) adequately address the past decade of scientific literature on GenX’s toxicity; (c) properly weigh and account for the toxicity and human health risks of GenX, including immunotoxicity and potential carcinogenicity; and (d) account for all necessary risks and toxicity information associated with drinking contaminated water.

Third, Chemours also manipulates its conclusions by making improper and scientifically unsound assumptions that mask the true risks associated with drinking PFAS-contaminated water.

Fourth, Chemours fails to consider its own studies prepared pursuant to its consent decree with the EPA pursuant to Section 8(e) of TSCA.

Fifth, Chemours’ methodological flaws are underscored by its failure to account for exposure risks to sensitive subpopulations.

⁷³ CAP at xv; Section 4.2.

A. The HH-SLEA Violates Generally Accepted Principles of Toxicology and Risk-Assessment and Ignores Standard Regulatory Guidance.

The CAP and HH-SLEA provide an insufficient analysis of the toxicity associated with both GenX exposures and exposure to the other 19 PFAS. Chemours has also failed to account for the synergistic effects of the 19 PFAS—as well as other contaminants in the DRCs’ water supply and, critically, with PFOS, PFOA and other legacy PFAS that remain in residents’ blood as a result of historical contamination of the water supply *by DuPont and Chemours*, as was found in the blood samples taken as a part of the GenX Exposure Study. The HH-SLEA does not meet generally accepted standards of toxicology and risk assessment. Considerable and fundamental efforts must be made to conduct adequate toxicity studies to reduce the uncertainty in the current GenX toxicological database, and Chemours must also conduct the necessary toxicity studies to derive toxicity values for the 19 PFAS compounds listed in Table 3+ for which no toxicity information is presented in the CAP or HH-SLEA. In the meantime, Chemours must provide the DRCs with bottled water and RO systems because as admitted by Chemours in the CAP, “supplying whole building filtration systems and reverse osmosis units for qualifying residents offsite reduces HFPO-DA (and Table 3+ PFAS) intake by over 92%, *ensuring human receptor exposures remain below hazard limits for HFPO-DA, based on the NC DHHS draft RfDo.*”⁷⁴

- 1. Chemours fails to calculate toxicity values (and risks) for 19 out of 20 PFAS listed in Table 3+, focusing all of its efforts on GenX, the one PFAS for which DuPont and Chemours have produced at least *some* toxicity evaluations.**⁷⁵

The HH-SLEA provides little information regarding actual human health risks. This is because, although the 20 PFAS contaminants listed in Table 3+ have been *identified*, Chemours

⁷⁴ CAP at xv.

⁷⁵ CAP at xv; Section 4.2.

has only presented toxicity information and data for a single PFAS (GenX), while omitting any such information for the other 19, despite the fact that thousands of North Carolina residents have been drinking water contaminated with these PFAS for years if not decades. Chemours appears to dismiss the absence of toxicity data for these 19 PFAS compounds listed in Table 3+ as unimportant; however, it is likely one or more of them, alone or in the combinations present in area drinking water, may be shown to be even more toxic than GenX alone. For this reason, the HH-SLEA does not even meet the standard of a screening risk assessment. Chemours' conclusions about the risks of drinking water contaminated with GenX and other PFAS are incorrect and grossly underestimate the risks of such exposure, including the fact that Chemours fails to differentiate between the hazard of being exposed to a single PFAS versus the hazards associated with exposure to multiple PFAS at the same time (*i.e.*, the combined effect of PFAS exposure) and with introducing additional PFAS into the blood of residents who already have accumulated PFOS, PFOA, and other PFAS in their blood.

In its HH-SLEA, Chemours states that the calculated hazard quotients, or “HQs,” were “**less than 1** for residents, farmers, and gardeners exposed to soil, produce, and well water in exposure unit (“EU”) 1 through EU 12, indicating potential HFPO-DA exposure is unlikely to pose a hazard, even in the absence of drinking water treatment.”⁷⁶

This conclusion—of a HQ for GenX of less than 1—is wholly unsupported for the simple reason that Chemours has yet to derive *any* toxicity values for 19 of the 20 PFAS listed in Table 3+. And even accepting the existence of *some* toxicity values for GenX, significant uncertainty exists even as to that data. By its own admission, Chemours states that the toxicity data—which was taken from DuPont’s 2010 EPA TSCA Section 8(e) filing—may well underestimate GenX’s

⁷⁶ CAP at Section 4.2.4.

risks because (1) the studies are outdated; (2) they are based only on liver pathology (when the immune system is likely a more sensitive target organ); (3) there is no human data; and (4) toxicity was based on subchronic rather than chronic animal studies. Chemours states:

Toxicity Data. The SLEA provisional hazard characterization is based on the HFPO-DA RfDo of 1E-04 mg/kg-day adopted by the NC DHHS, which is predicated on liver toxicity endpoints from two subchronic studies in mice. There is inherent uncertainty in the use of animal toxicity data to characterize potential human health hazards and the RfDo *could potentially change as new information becomes available*. (emphasis added)⁷⁷

Chemours' statement both (a) acknowledges that the current value could potentially change as "new information becomes available," and (b) that Chemours intends to wait for other entities to generate new toxicity information (RfD) for GenX.⁷⁸ Chemours is responsible for GenX pollution, and should be responsible for funding the independent studies needed to generate "new" toxicity information.

Chemours also downplays the impact of the lack of toxicity information for the 19 other PFAS compounds listed in Table 3+ by referring to it as mere "uncertainty":

In addition to the uncertainty associated with the HFPO-DA RfDo, the lack of toxicity information for other Table 3+ PFAS also introduces uncertainty to the HH-SLEA but data are not available to evaluate the potential effect, if any, on the conclusions [of the] hazard characterization [*sic*].⁷⁹

With regard to the "screening" levels of GenX, Chemours also insinuates that a 10 ppt GenX level in drinking water is "safe" because it is based on an agreement:

[Hazard Quotient] estimates based on an assumption of 10 ng/L of HFPO-DA in drinking water, which is the maximum concentration in well water that would not require a treatment system, range from

⁷⁷ CAP at 39.

⁷⁸ *Id.* at 39.

⁷⁹ *Id.* at 39-40.

0.003 to 0.07 and, hence are more than an order of magnitude below a level of concern (unity or 1).⁸⁰

Although an *agreement of treatment* may have been reached with the State, a drinking water level of 10 ppt for GenX may be insufficiently protective of human health. For example, the Natural Resources Defense Council (“NRDC”) conducted an independent analysis to calculate the “safe” concentration of GenX in drinking water and concluded the level should be *less* than 1 ppt. This is 10 times less than the current 10/70 Action Level for GenX. Furthermore, the NRDC’s analysis was based on DuPont’s 2010 TSCA Section 8(e) and toxicity studies:

If uncertainty factors that properly reflected the deficiencies in toxicity data (database, sub-chronic to chronic, children’s vulnerability, human variability, animal to human differences) were used, ***the combined uncertainty factor could be as high as 100,000, which would result in a MCLG of less than 1 ppt for GenX chemicals*** (see Appendix F for calculations). This highlights the current considerable level of uncertainty in determining a safe level of exposure for GenX chemicals.⁸¹

The last point underscores the importance of summing health risks when multiple contaminants are present in drinking water, as set forth in the EPA’s risk assessment guidance and generally accepted toxicology practice.⁸² Chemours’ assumption that a GenX concentration in drinking water is safe is based on an underlying (incorrect) assumption that GenX is the *only* PFAS contaminant to which a population is exposed. When there are multiple contaminants, the EPA requires further reductions in screening risk assessments to account for similar contaminants that may also pose risks. The EPA guidance states:

5.15 Screening Sites with Multiple Contaminants

⁸⁰ *Id.* at 39.

⁸¹ A. Reade, T. Quinn, and J. S. Schreiber, *PFAS in Drinking Water 2019: Scientific and Policy Assessment for Addressing Per- and Polyfluoroalkyl Substances (PFAS) in Drinking Water* at 43, Natural Resources Defense Council (Apr. 12, 2019), https://www.nrdc.org/sites/default/files/media-uploads/nrdc_pfas_report.pdf.

⁸² *Regional Screening Levels (RSLs) User’s Guide* at 5.15, U.S. EPA (Nov. 2019), <https://www.epa.gov/risk/regional-screening-levels-rsls-users-guide>.

The screening levels in the tables are calculated under the assumption that only one contaminant is present. Users needing to screen sites with multiple contaminants should consult with their regional risk assessors. The following sections describe how target risks can be changed to screen against multiple contaminants and how the ratio of concentration to RSL can be used to estimate total risk.⁸³

The EPA provides guidance on how to adjust the HQs for *single* chemicals when *multiple* contaminants are present (which depends on how many of the other 19 PFAS listed in Table 3+ are detected):

The calculator on this website can be used to generate SLs based on any THQ [target hazard quotient] or target cancer risk (TR) deemed appropriate by the user. The THQ input to the calculator can be modified from the default of 1. How much it should be modified is a user decision, but it could be based upon the number of contaminants being screened together. For example, if one is screening two contaminants together, then the THQ could be modified to 0.5. If ten contaminants are being screened together, then the THQ could be modified to 0.1. The above example weights each chemical equally; it is also possible to weight the chemicals unequally, as long as the total risk meets the desired goal. The decision of how to weight the chemicals is likely to be site-specific, and it is recommended that this decision be made in consultation with the regional risk assessor.⁸⁴

The other option the EPA provides for assessing the risk of exposure to multiple, related chemical compounds (and which Chemours also failed to follow) is to first develop “safe” drinking water concentrations for each of the 20 PFAS listed in Table 3+ (which are sometimes referred to as maximum contaminant level goals [MCLGs] or screening levels [SLs], as shown below). The detected concentration in drinking water for each of the individual PFAS compounds is then divided by those concentrations (shown as C_x, C_y,...C_z); finally, the quotients are added together, or summed. If the summed THQ exceeds 1.0, the contaminants may pose an unacceptable risk.

⁸³ *Id.*

⁸⁴ *Id.* at 5.15.1.

What is important to recognize about this approach is that the summed THQ can far exceed acceptable risk levels even when each of the individual PFAS compounds does not exceed its own MCLG (or SL).

4. For non-cancer hazard estimates, divide the concentration term by its respective non-cancer SL designated as 'n' and sum the ratios for multiple contaminants. The cumulative ratio represents a non-carcinogenic hazard index (HI). A hazard index of 1 or less is generally considered 'safe'. A ratio greater than 1 suggests further evaluation. Note that carcinogens may also have an associated non-cancer SL that is not listed in the SL Table. To obtain these values, the user should view the Supporting Tables. See equation below

$$\text{Total Hazard Index} = \left[\left(\frac{C_x}{SL_x} \right) + \left(\frac{C_y}{SL_y} \right) + \left(\frac{C_z}{SL_z} \right) \right] \times \text{THQ}$$

Source: *Regional Screening Levels (RSLs) User's Guide* at 5.15.1, U.S. EPA (Nov. 2019), <https://www.epa.gov/risk/regional-screening-levels-rsls-users-guide>.

This error is critical. This issue is compounded because other chemicals have been found in the DRCs' water supply that originated from Fayetteville Works. Chemours followed none of these approaches, and its assertion that the Action Level for GenX is safe is unsupported and contrary to the established methodological approaches when populations are exposed to multiple, similar compounds.

Chemours should be required to generate adequate toxicity information for the 19 untested PFAS listed in Table 3+ that DuPont (and later Chemours) emitted and discharged into the environment. Chemours, as the manufacturer, is not only most familiar with the chemical/physical properties of its own chemical products, but has profited from their use or sale for more than a decade, which is more than sufficient time to have completed toxicological testing on the remaining 19 PFAS compounds listed in Table 3+. The HH-SLEA and CAP do not explain why DuPont and Chemours failed to perform any such testing in the past, and there is no explanation for why Chemours continues to delay testing today. It is incumbent on Chemours to explain how

it intends to finalize the HH-SLEA and CAP risk assessments and the necessary underlying data. Simply put, no risk assessment can be conducted without PFAS-specific toxicity studies and the toxicity values that are extracted from those studies. Those studies do not yet exist, and there is no concrete plan for their completion.⁸⁵

Moreover, given the similarity of the molecular structure of the Table 3+ PFAS to PFOA (also known as C8) and GenX, Chemours should also be required to comply with the requirement in Section 8(e) of TSCA to immediately notify the EPA when substances or mixtures present a substantial risk of injury to health or the environment. TSCA Section 8(e) states, “Any person who manufactures, [imports,] processes, or distributes in commerce a chemical substance or mixture and who obtains information which reasonably supports the conclusion that such substance or mixture presents a substantial risk of injury to health or the environment shall immediately inform the [EPA] Administrator of such information unless such person has actual knowledge that the Administrator has been adequately informed of such information.” 15 U.S.C. § 2607(e). EPA’s guidance states that such “Substantial Risk Notifications” under TSCA Section 8(e) should be submitted within 30 calendar days.

Until Chemours conducts foundational toxicity tests on the 19 PFAS compounds listed in Table 3+, there is no path forward to derive toxicity values. And without this information, human health risks cannot be determined, the current calculated risks are not even a good faith guess, and

⁸⁵ Chemours and its predecessor, DuPont, are well equipped to generate such data. DuPont contends that its *Haskell Laboratory for Toxicology and Industrial Medicine* is one of the most advanced industrial toxicology testing facilities in the world. Indeed, in its very first mission statement in 1935, Haskell Laboratory stated that the purpose of its facilities was to test DuPont’s chemical products *before* they were placed on the market. *Haskell Laboratory of Industrial Toxicology*, 13 Chem. Eng. News 3, 44-46 (1935) (The purpose of Haskell Labs is “*to test thoroughly from a health standpoint all products produced by the company before they are placed on the market.*”) (emphasis added).

to ensure they are adequately protected from the future health risks of these toxic chemicals, DRCs are entitled to the installation of RO systems and bottled water.

2. The Carcinogenetic Impacts of GenX and PFAS Must Be Addressed

In addition to noncancer systemic toxicity, however, **the HH-SLEA does not address or discuss whether GenX or any of the other 19 PFAS listed in Table 3+ are, like their closely related predecessor C8, likely carcinogens.** Indeed, the EPA's draft toxicity assessment of GenX (which Chemours relies on) states:

[T]here is Suggestive Evidence of Carcinogenic Potential of oral exposure to GenX chemicals in humans, based on the female hepatocellular adenomas and hepatocellular carcinomas and male combined pancreatic acinar adenomas and carcinomas.⁸⁶

Moreover, because the cancer studies the EPA refers to were rat studies, even the EPA's assessment may underestimate GenX's cancer risk, as it is well-known that mice are more sensitive to the effects of GenX than rats. *GenX's potential carcinogenicity was not even mentioned in the HH-SLEA.*

A review of DuPont's and Chemours' knowledge of the carcinogenicity of GenX is instructive.

a. Pursuant to the 2009 consent decree between DuPont and the EPA, DuPont was required to conduct a series of tests on GenX. The tests demonstrated significant health and environmental dangers associated with GenX, and yet DuPont concealed, misrepresented, and downplayed these dangers, all while continuing to discharge toxic chemicals into the Cape Fear River.

⁸⁶ *Human Health Toxicity Values for Hexafluoropropylene Oxide (HFPO) Dimer Acid and Its Ammonium Salt (CASRN 13252-13-6 and CASRN 62037-80-3) Also Known as 'GenX Chemicals', EPA-823-P-18-001 Public Comment Draft* at 47, U.S. EPA (Nov. 2018), https://www.epa.gov/sites/production/files/2018-11/documents/genx_public_comment_draft_toxicity_assessment_nov2018-508.pdf.

b. On July 15, 2010, pursuant to the consent decree, DuPont submitted a letter report to the EPA summarizing the results of studies of the impacts of GenX on both fetal and adult laboratory rats. The study found a direct correlation between the dosage of GenX and early deliveries, fetal weight, and skeletal deformations:

There was a dose-related increase in the number of dams [female mice] found with **early deliveries** on GD 21.

In addition, mean fetal weight was **8 and 28% lower** (statistically significant) than controls at 100 and 1000 mg/kg/day, respectively.

A higher mean litter proportion of 14th rudimentary ribs was observed in the 1000 mg/kg/day group, resulting in a higher mean litter proportion of **total skeletal variations and total developmental variations**. . .

c. As for the maternal laboratory rats, the study found that:

Focal necrosis [small areas of dead tissue such as cysts] of the liver was noted in some females in the 100 and 1000 mg/kg/day groups in a dose-related manner.

d. On July 20, 2010, pursuant to the consent decree, DuPont submitted a report to the EPA on a further rodent study which found numerous instances of cellular deformation indicative of liver disease and early-stage cancer. Pathological findings included focal necrosis, which are small areas of dead liver cells undergoing disintegration, and an increase of peroxisome proliferators which have been shown to cause liver disease and induce tumors in livers.

e. To address these adverse findings, DuPont performed a follow-up study which it reported to the EPA on January 28, 2011. The results differed little from the July 20, 2010 letter report and portended the results of a far more detailed analysis in 2014:

Hepatocellular hypertrophy was characterized by cytoplasmic eosinophilic stippling that is consistent with **peroxisome proliferation**. In the 5 mg/kg/day F0 males and females, other **liver lesions** included increases in single cell **necrosis, mitotic figures, lipofuscin pigment, and focal necrosis** (females only).

Increases in mitotic figures indicate that a cell population is proliferating and is used as an index of tumor aggression.

f. On January 8, 2013, DuPont completed another study. The results further confirmed the dangerous health effects of exposure to GenX:

Under the conditions of this study, the no-observed-adverse-effect level (NOAEL) was considered to be 1 mg/kg/day in male and female rats. Test substance-related **neoplastic changes** were observed at the high dose (500 mg/kg/day in females; 50 mg/kg/day in males) and included **hepatocellular tumors** in females and, in males, equivocal **increases in pancreatic acinar cell tumors and testicular interstitial cell tumors**.

But DuPont dismissed the results as not being relevant to human health:

Based on the high dose threshold for these tumor responses in this study, the lack of genotoxicity of the test material across a battery of *in vitro* and *in vivo* tests, and the known responses of the rat versus other species, including humans, to these PPAR(a) associated tumor responses, these tumor findings are not considered relevant for human risk assessment.

g. The January 2013 study also found uterine polyps, which is a potential indicator of uterine cancer, but dismissed the results on statistical grounds. DuPont did not, however, provide a basis for selecting the statistical tests or any evidence that it had run the tests, or the results of the tests. DuPont swept its own dire findings under the rug, while citing no authority and conducting no tests supporting these broad dismissals. Moreover, DuPont failed to acknowledge the large body of science that is contrary to DuPont's purported conclusion that its rodent studies are irrelevant to human health.

h. In 2014, DuPont scientists conducted yet another evaluation of the toxic effects of GenX, "Evaluation of chronic toxicity and carcinogenicity of ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-propanoate in Sprague-Dawley rats" ("GenX Report"). This study was

designed to be far more detailed than the last half-dozen studies, and was presumably designed to put to bed any lingering doubts about the carcinogenicity of GenX. But the opposite occurred. The GenX Report found “[i]ncreases in enzymes indicative of **liver injury**. . .” It also found a gradual deterioration of specific tissues, cells, and organs with a corresponding impairment of function, and small areas of dead liver tissue. Blood sampling analysis and results also found that the rats were in a diseased state.

- i. Tumors were also discovered in the rats:

At the interim necropsy, **non-neoplastic** test substance-associated effects were present in the liver of males at 50 mg/kg and in the liver and kidneys of females at 500 mg/kg.

- j. “Non-neoplastic” refers to new growth in tissue that does not serve a useful purpose – *i.e.*, tumors. Neoplasms may be malignant or benign; some benign tumors may progress to malignancy. The report later indicated that these tumors were indeed carcinogenic. DuPont also found the livers to be enlarged, lesions and dying cells—all indicators of liver disease.

- k. DuPont also found cells in the early stages of kidney cancer:

Kidney changes in females at 500 mg/kg included tubular dilation, edema of the renal papilla, **transitional cell hyperplasia in the renal pelvis**, tubular mineralization, **renal papillary necrosis** and CPN. Tubular dilation frequently occurred in an ascending pattern extending from the papilla to the outer cortex, while at other times it was present only in the papilla. **Edema of the papilla** was characterized by increased rarefaction or myxomatous change in the papillary interstitium, sometimes with polypoid protrusions from the lateral surface of the papilla. The **edema** and tubular dilation were often associated with hyperplasia of the transitional cell epithelium lining the papilla and pelvis. Small foci of tubular mineralization were often present and, in some animals, necrosis of the tip of the papilla was present.

Transitional cell hyperplasia in the kidney is often an initial stage in the development of cancer.

l. The report also found that, in addition to tumors in the liver, tumors were also found in the kidney, stomach, and tongues of females:

In addition, in female rats given 500 mg/kg, statistically significant increases in **hyperplasia** of squamous epithelium were observed in the nonglandular stomach (limiting ridge only) and tongue (in association with subacute/chronic inflammation in the tongue).

Hyperplasia is the enlargement of an organ or tissue caused by an increase in the reproduction rate of its cells, often as an initial stage in the development of cancer.

m. DuPont ultimately concluded that the lesions in the liver were carcinomas—that GenX caused liver disease and cancer in the livers of females and males:

Compound-related neoplastic changes occurred in the livers of females administered 500 mg/kg and included **increased incidences of hepatocellular adenoma and carcinoma**. These tumors occurred in association with the degenerative and necrotic liver lesions observed at this dose as described above. Hepatocellular tumors and test substance-associated degenerative and necrotic lesions were not observed in females at lower doses and **the incidences of hepatocellular tumors were similar in all male groups**.

n. The report also found that in males, GenX causes pancreatic cancer, but then attempted to minimize the impact of its findings:

In males administered 50 mg/kg, **a statistically significant increase in the combined incidence of pancreatic acinar cell adenomas and carcinomas was seen**, but neither the incidence of adenoma or carcinoma alone was statistically increased, although the incidence of carcinomas (2.9%) was slightly outside the historical range of 0-1.7%.

o. DuPont's study also found evidence of testicular cancer, but again tried to minimize its significance:

The incidence of **Leydig cell adenomas** (11.4%) was increased above historical control ranges for this tumor (0-8.3%) in males administered 50 mg/kg, although this increase was not statistically significant compared to controls. In addition, a Leydig cell adenoma

was present in 1 male at the interim necropsy in the 50 mg/kg group. The incidence of Leydig cell hyperplasia was also increased above historical control range in this group at terminal sacrifice (also 0-8.3%, although again, this incidence was not statistically significant versus controls. However, comparison to within-study controls was complicated by the fact that controls had a relatively high incidence of Leydig cell hyperplasia (10%). Based on the above considerations and the known activity of PPAR α agonists to produce Leydig cell hyperplasia and adenomas in rats, the relationship to the test compound for **these lesions was considered equivocal in this study.**

Leydig cell tumors are usually benign, but approximately 10% are malignant. As with germ cell tumors, they spread throughout the lymphatic system. However, unlike germ cell tumors, Leydig cell tumors show relative lack of sensitivity to radiotherapy and chemotherapy agents.

p. DuPont likewise tried to minimize its finding on pancreatic cancer and Leydig cell tumors by claiming that “less robust” evidence “suggests” that the results were “likely” not relevant to humans:

While there is less definitive mechanistic data on the role PPAR α plays in the induction of pancreatic acinar cell tumors in rats, the available data involving altered bile flow and increased cholecystokinin *suggests* that this mode of action is also *likely* to be non-relevant for humans. While *less robust*, research considering comparative biology and mechanism of action of Leydig cell tumor induction in rodents by a wide variety of chemical classes *suggests* these tumors most *likely* have low relevance to humans.

q. DuPont’s GenX report ultimately concluded: “The test chemical belongs to a class of compounds known as peroxisome proliferators (PPAR α agonists) which are known to produce liver, pancreatic, and testicular tumors in rats and liver tumors in mice.” However, faced with its findings that GenX is carcinogenic, DuPont concluded, without any epidemiological study on rodents impregnated with human proteins, that “these compounds have not been shown to be carcinogenic in other species including humans. Based on the extensive research into the comparative biology of peroxisome proliferator-induced hepatic carcinogenesis, the induction of

liver tumors in rodents by non-genotoxic peroxisome proliferators (this compound was shown to be inactive in a battery of genotoxicity assays) is not considered relevant to humans.”

r. DuPont never tested for the synergetic impact of GenX and other PFASs.

s. DuPont wrongly dismissed all these results as not being relevant to human health.

DuPont claimed that the observed increase in cancer in rodents exposed to GenX was irrelevant based on the single argument that the PPAR mode of action in rodents is irrelevant to human cancers. But DuPont ignored the fact that the PPAR mode of action only applies to liver cancer and not to pancreatic and testicular cancer. Moreover, it was DuPont who selected the rodents for the cancer study, and DuPont ignored the fact that there are rodents with modified signaling that are more conducive to determining the test’s applicability to humans. Scientific studies by independent researchers have found carcinogenic impacts from PFOA exposure to these modified rodents. DuPont also concluded that the high doses used in the rodent studies were not representative of human exposures. This argument is not only scientifically untrue but defies common sense for several reasons. *First*, all two-year cancer rodent studies follow the protocol developed by the U.S. National Toxicology Program, which requires dosing rodents at elevated dose. This requirement is necessary to increase the probability of detecting cancers in humans. Further, humans in many instances are even more susceptible to cancer and other pathologies than laboratory rodents. Moreover, it has been well-established that when exposures to carcinogens occur during the early-life stage, critical exposure carries a much greater risk of developing cancer. The EPA requires a factor of 10 to be applied to calculating risk for these early life exposures. Finally, DuPont’s claim that rodent cancers only occur at high doses and are therefore irrelevant to human exposures is absurd from a common-sense standpoint—the EPA required DuPont to conduct the studies on rodents because they were relevant to determining health impacts of GenX

exposure to humans. Nevertheless, DuPont dismissed its toxicology results as not being relevant to human health, and DuPont neglected to notify area residents, drinking water providers, or state and local officials of the significant dangers posed by the polluted water supply.

t. In 2012, a series of studies further demonstrated the negative health impacts of exposure to PFOA and perfluorooctanesulfonic acid (PFOS). Tests showed immunotoxic effects in a variety of species and models. Additionally, the C8 Health Project, which was created as part of the settlement of another lawsuit against DuPont, found a significant positive exposure-response relationship between PFOA and kidney cancer.

u. A 2013 population-based case-control analysis supported the association between PFOA exposure and both kidney and testicular cancer and suggested an association with prostate and ovarian cancer and non-Hodgkin lymphoma.

v. Despite all of this scientific evidence that DuPont's secret dumping of GenX into the Cape Fear River posed serious health consequences for the hundreds of thousands of people who depended on the river for their water supply, DuPont continued to conceal its actions and failed to warn regulators or the public.

w. As noted above, DuPont developed GenX primarily because it was thought to be more biodegradable than PFOAs, which had spawned extensive litigation. DuPont's logic was that GenX would pass through the body more quickly, and thus cause less damage than PFOAs.

x. According to DuPont's own March 15, 2010 report, however, written pursuant to its consent decree with the EPA, GenX is not inherently biodegradable. The purpose of this test was to evaluate the inherent biodegradability of the test substance via a 28-day test. The test was designed to meet the requirements of SEPA HJIT 153-2004, "the guidelines for the testing of chemicals," OECD Procedure 302C, "Inherent Biodegradability: Modified MITI Test (II),"

adopted May 1981. The report concluded that: “. . . Based on the residue analysis, **the biodegradation of the test substance was 0%** and there was hardly any change for the test substance in the ‘abiotic’ vessel during the testing period. The BOD results showed that **biodegradation of the test substance was both <1% after 14 and 28 days**. The test was valid because the level of biodegradation of the reference substance aniline exceeded 40% after 7 days, and 65% after 14 days. Therefore, the test substance was not inherently biodegradable under this test condition.” In other words, DuPont’s own test found that GenX was not biodegradable, that is, it was not capable of being broken down (decomposed) rapidly by the action of microorganisms. The implications for North Carolina residents—who depend on the Cape Fear River for their water supply—was that their exposures would be long-lasting.

y. DuPont’s results were consistent with those of other researchers, which have found that GenX is not only not biodegradable, but that it bonds with protein in the cells of living organisms and adheres to sediment, scale and pipes, and then reenters the water supply. These living cells include biofilms that cling to pipes and water heaters. Moreover, there is no method that is known with any degree of certainty that will remove the biofilms from the water heaters and plumbing in homes.

Furthermore, even though the EPA has determined that GenX causes liver and pancreatic cancers in animals, no carcinogenic toxicity value (*i.e.*, a cancer slope factor) has yet been developed for GenX, let alone for the other 19 PFAS listed in Table 3+. Thus, most efforts to derive toxicity values for the purpose of establishing safe exposure levels for soils, surface and groundwater, tap water, air, and biota are limited to noncancer health effects, which by itself is a source of great scientific uncertainty. The HH-SLEA should identify this data or information gap and should explain why the issue of GenX-induced cancer was not included in its comments.

The issue of GenX-induced cancer will be of critical importance in the future because epidemiology studies must focus on both noncancer systemic toxicity (*i.e.*, organ damage) and cancer when such studies are finally undertaken.

3. GenX Is Likely More Toxic Than PFOS and PFOA

Recent studies—which Chemours entirely omitted from the HH-SLEA and CAP—indicate the toxicity of GenX has already been underestimated. For example, Gomis et al.⁸⁷ compared the toxic potency of long-chain perfluoroalkyl acids to the shorter-chain, second-generation fluorinated compounds in 2018; based on the severity of liver pathology, she concluded that GenX was even more toxic than the first-generation PFAS compounds it was designed to replace because it was “thought” to be less toxic. She stated:

Dose-response curves of liver enlargement from sub-chronic oral toxicity studies in male rats were converted to internal dose in serum and in liver to examine the toxicity ranking of [PFAS] and fluorinated alternatives. Converting administered doses into equivalent serum and liver concentrations reduced the variability in the dose-response curves for PFBA, PFHxA, PFOA and GenX. The toxicity ranking using modeled serum (GenX > PFOA > PFHxA > PFBA) and liver (GenX > PFOA≈PFHxA≈PFBA) concentrations indicated that some fluorinated alternatives have *similar or higher toxic potency than their predecessors* when correcting for differences in toxicokinetics.⁸⁸

The researchers concluded that “some fluorinated alternatives have similar or higher toxic potency than their predecessors when correcting for differences in toxicokinetics.” *Neither the HH-SLEA nor the CAP, however, discuss toxicokinetic differences for any of the 20 PFAS compounds, and Gomis’ analysis showing GenX is more toxic than PFOA means that the current 140 ppt Health Advisory Level for GenX is far too high.* The GenX level should be set

⁸⁷ M. I. Gomis, R. Vestergren, D. Borg, and I. T. Cousins, *Comparing the Toxic Potency in Vivo of Long-Chain Perfluoroalkyl Acids and Fluorinated Alternatives*, 113 *Environ. Int.* 1-9 (Jan. 2018).

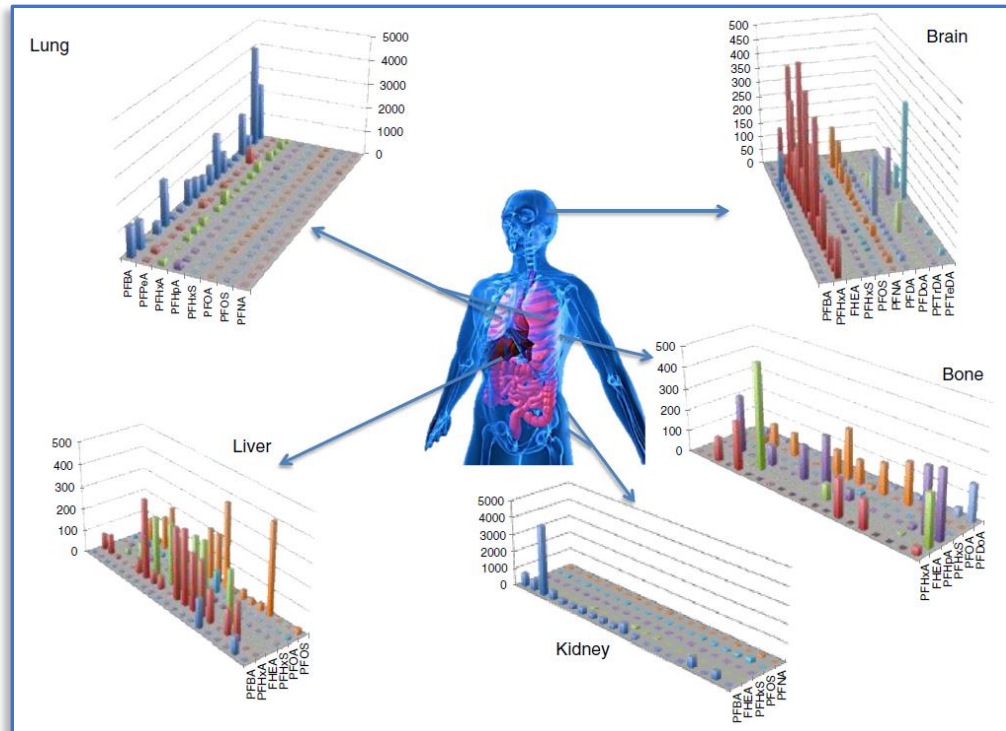
⁸⁸ *Id.*

even lower than the current safe drinking water levels that some states have developed for PFOA of 10 to 15 ppt.

Because Chemours did not conduct a detailed toxicokinetic study, it inferred that elimination of GenX from the body is rapid. However, Chemours' analysis does not and cannot be interpreted to mean that the recent blood sampling tests performed by the N.C. State University—in which GenX was not detected in participants' *blood*—should be interpreted to mean that the exposed population does not have elevated levels of GenX in their *bodies*. It has now been well established that PFAS compounds *bioaccumulate* in different organs and tissues in the body and that this bioaccumulation essentially prevents PFAS from circulating in the blood. It is thus possible to have an undetectable level of GenX based on blood tests *because* GenX has bioaccumulated in different *organs*. Thus, while the blood levels for GenX may be low or undetectable, there may be noncirculating GenX stored in organs bound to tissue.

Examples of this toxicokinetic phenomenon abound. A similar phenomenon was described by Perez et al.,⁸⁹ and their following illustration shows that different organs bioaccumulate different types of PFAS; although blood levels for PFAS compounds like GenX may be low or non-detectable, that in itself does not mean that the body burden is insignificant.

⁸⁹ F. Pérez, et al., *Accumulation of Perfluoroalkyl Substances in Human Tissues*, 59 *Environ. Int.* 354-62 (2013).



Source: F. Pérez, et al., *Accumulation of Perfluoroalkyl Substances in Human Tissues*, 59 Environ. Int. 354-62 (2013).

Finally, it is a fundamental toxicological principle that the absence of a detectable amount of a toxin in blood samples does not mean there is no ongoing risk of health hazards. This is because toxic compounds may simply trigger toxic effects: that is, once a toxin triggers disease, continuous exposures to that toxin are not necessary for illness and disease to manifest. For example, a heavy smoker may smoke for decades and quit; even though the person no longer smokes (exposure stops), he or she can develop lung cancer. That is, lung cancer is triggered by cigarette smoke, but cancer may develop even in the absence of ongoing exposure, as the latency period between smoking and the onset of lung cancer is about 45 years. Thus, setting aside the toxicokinetic principles discussed above, and even if blood levels of GenX do not show *current* exposure, the toxicological damage may have already been triggered. Illness and disease can progress even when exposure to GenX stops. It should also be emphasized that the HH-SLEA and

CAP do not calculate *any* risks associated with past historical exposures—which were very high for GenX and related PFAS compounds—because Chemours uses *current PFAS levels to predict the future risks*. This vastly understates the risk associated with past exposures to PFAS, which occurred at a time when Chemours was dumping directly into the Cape Fear River, emitting to the air and spilling to ground.

4. Chemours Failed to Follow EPA Standards for Deriving Toxicity Values for GenX and Other PFAS.

Chemours did not follow, let alone cite or reference, EPA or North Carolina guidance that toxicity values must be derived from primary peer-reviewed toxicity studies. For GenX, Chemours made no attempt to verify toxicity values and instead used *draft* preliminary noncancer RfD levels developed by the EPA and DHHS, which were based on DuPont’s 2009-2010 toxicity study submissions provided to the EPA pursuant to the TSCA premanufacture notice procedure, often referred to as “8(e).” *Despite the fact that many toxicology studies have been published in the past decade, Chemours did not conduct a literature review to identify any of these subsequent studies*; these studies might have resulted in a different RfD for one or more of the 20 PFAS compounds identified by Chemours in its Appendix F, Table 1 shown below.

TABLE 1
TABLE 3+PFAS EVALUATED IN THE SLEA
Chemours Fayetteville Works, North Carolina

Chemical Abbreviation	Chemical Name	Chemical Formula	Consent Order Constituent	Table 3+ Constituent
HFPO-DA	Hexafluoropropylene oxide dimer acid	C6HF11O3	X	X
PEPA	Perfluoroethoxypropyl carboxylic acid	C5HF9O3	X	X
PFECA-G	Perfluoro-4-isopropoxybutanoic acid	C12H9F9O3S	X	X
PFMOAA	Perfluoro-2-methoxyacetic acid	C3HF5O3	X	X
PFO2HxA	Perfluoro(3,5-dioxahexanoic) acid	C4HF7O4	X	X
PFO3OA	Perfluoro(3,5,7-trioxaoctanoic) acid	C5HF9O5	X	X
PFO4DA	Perfluoro(3,5,7,9-tetraoxadecanoic) acid	C6HF11O6	X	X
PMPA	Perfluoromethoxypropyl carboxylic acid	C4HF7O3	X	X
Hydro-EVE Acid	Perfluoroethoxyspropanoic acid	C8H2F14O4		X
EVE Acid	Perfluoroethoxypropionic acid	C8HF13O4		X
PFECA B	Perfluoro-3,6-dioxaheptanoic acid	C5HF9O4		X
R-EVE	R-EVE	C8H2F12O5		X
PFO5DA	Perfluoro-3,5,7,9,11-pentaaxadodecanoic acid	C7HF13O7	X	X
Byproduct 4	Byproduct 4	C7H2F12O6S		X
Byproduct 6	Byproduct 6	C6H2F12O4S		X
Byproduct 5	Byproduct 5	C7H3F11O7S		X
NVHOS	Perfluoroethoxysulfonic acid	C4H2F8O4S		X
PES	Perfluoroethoxyethanesulfonic acid	C4HF9O4S		X
PFESA-BP1	Byproduct 1	C7HF13O5S	X	X
PFESA-BP2	Byproduct 2	C7H2F14O5S	X	X

Notes:

CASN - Chemical Abstract Service Number

SLEA - Screening Level Exposure Assessment

Source: CAP, App. F, Table 1. Note that there is an error in this table: PFHpA is listed in the CO but was omitted from the table.

Further, by not conducting toxicological analyses of the 19 PFAS compounds listed in Table 3+, Chemours is simply assuming—with no basis for doing so, and contrary to the body of available evidence—they are not toxic *at any concentration*. The sole purpose of a quantitative risk assessment is to establish the concentration or dose at which contaminants are toxic and then determine whether the site-related dose exceeds the toxicity value.

Chemours' false and completely baseless assumption—that the 19 PFAS compounds listed in Table 3+ do not produce toxic effects at any dose—is deeply troubling from a practical standpoint. Although many risk assessments are conducted based on a *hypothetical* assumption that people *could be* exposed to contaminants, it is a fact that thousands of North Carolina residents

and DRCs *have been exposed* to the 19 PFAS compounds listed in Table 3+, likely for many years and at doses much higher than the present levels that Chemours relies on for its exposure assessment. The associated health risks from this known exposure are therefore *not hypothetical* but rather are an established fact.

Chemours' failure to follow basic EPA or North Carolina risk assessment guidance is both inexplicable and indicative of the HH-SLEA's inadequacy. In both the HH-SLEA and the CAP, Chemours makes no mention of EPA or North Carolina risk assessment guidance that must be followed to properly derive toxicity values for the 19 PFAS compounds listed in Table 3+. This omission is untenable. The HH-SLEA and CAP do not cite this EPA directive, nor does Chemours cite the detailed and more recent guidance developed by the EPA to guide the derivation of a toxicity value.⁹⁰

Chemours also fails to discuss, follow, or cite the more than 10 EPA guidance documents that have since been issued which present in great detail how primary peer-reviewed studies should be evaluated, together with the protocols and methods for extrapolating toxicity data from animal studies to characterize human toxicity. Toxicity values form the basis of not only human health risk assessments but drinking water standards and advisories. Without toxicity values, neither assessment can be completed.

The HH-SLEA and CAP do not discuss why Chemours deviated from the hierarchal procedures required by the EPA in the *OSWER Directive 9285.7-Memorandum* to derive toxicity values. Chemours does not explain why it did not contact the Office of Research and Development/National Center for Environmental Assessment/Superfund Health Risk Technical Support Center (STSC)—which is responsible for assisting the scientific community in developing

⁹⁰ *Tier 3 Toxicity Value White Paper*, Regional Tier 3 Toxicity Value Workgroup, OSWER Human Health Regional Risk Assessors Forum, U.S. EPA (May 16, 2013), <https://semspub.epa.gov/work/HQ/163525.pdf>.

provisional toxicity values—to request technical assistance in developing provisional toxicity values. Nor did Chemours discuss whether it conducted a review of other available Tier 3 sources of toxicity information as required by EPA guidance. Rather, *Chemours is waiting for others in the scientific community to develop toxicity values for chemical products that Chemours itself produced and profited from*. Chemours’ “wait and see” approach is a prime example of its corporate irresponsibility and, more importantly, has resulted in an incomplete risk assessment.

5. The HH-SLEA Underestimates the Toxicity and Human Health Risks for GenX.

Despite Chemours’ failure to conduct toxicity testing for the 19 PFAS compounds, it did conduct toxicity studies on GenX. But these toxicity and human health risk assessments are flawed and starkly underestimate the actual risk to human health of exposure to GenX.

As shown below in CAP Appendix F, Table 4 (highlighted cells), the values were based on three sources of GenX animal toxicity data compiled by the EPA,⁹¹ DEQ/DHHS,⁹² and Thompson et al.⁹³ These include the following RfDs: EPA draft RfDo = 0.00008 mg/kg-day; DHHS RfDo = 0.00010 mg/kg-day; and Thompson, et al. RfDo = 0.01000 mg/kg-day:

⁹¹ *Human Health Toxicity Values for Hexafluoropropylene Oxide (HFPO) Dimer Acid and Its Ammonium Salt (CASRN 13252-13-6 and CASRN 62037-80-3) Also Known as ‘GenX Chemicals’, EPA-823-P-18-001 Public Comment Draft* at 47, U.S. EPA (Nov. 2018), https://www.epa.gov/sites/production/files/2018-11/documents/genx_public_comment_draft_toxicity_assessment_nov2018-508.pdf.

⁹² *Secretaries’ Science Advisory Board Review of the North Carolina Drinking Water Provisional Health Goal for GenX*, N.C. DEQ/DHHS (2018).

⁹³ C. M. Thompson, S. E. Fitch, C. Ring, W. Rish, J. M. Cullen, and L. C. Haws, *Development of an Oral Reference Dose for the Perfluorinated Compound GenX*, 39 *J. Appl. Toxicol.* 9, at 1267-82 (2019).

Exposure Unit (EU)	EU Description	Receptor (1)	HFPO-DA Intake (mg/kg-day) (2)		HFPO-DA Hazard					
			Untreated Well Water (RME EPC)	Current Conditions (10 ng/L)	Untreated Well Water (RME EPC) (3,5)			Current Conditions (10 ng/L)		
					USEPA Draft RfDo = 8.00E-05	NC DHHS RfDo = 1.00E-04	Thompson et al. RfDo = 1.00E-02	USEPA Draft RfDo =	NC DHHS RfDo = 1.00E-04	Thompson et al. RfDo =
EU1	2.5 km, Northeast	Offsite Child Gardener (Age 0-6)	8.00E-05	7.00E-06	1	0.8	0.008	0.08	0.07	0.0007
EU2	2.5 km, Southeast		6.00E-05	5.00E-07	0.7	0.6	0.006	0.006	0.005	0.00005
EU3	2.5 km, Southwest		3.00E-05	1.00E-06	0.4	0.3	0.003	0.02	0.01	0.0001
EU4	2.5 km, Northwest		1.00E-05	5.00E-07	0.1	0.1	0.001	0.006	0.005	0.00005
EU5	5 km, Northeast		2.00E-05	5.00E-07	0.3	0.2	0.002	0.006	0.005	0.00005
EU6	5 km, Southeast		9.00E-06	5.00E-07	0.1	0.09	0.0009	0.006	0.005	0.00005
EU7	5 km, Southwest		2.00E-05	5.00E-07	0.2	0.2	0.002	0.006	0.005	0.00005
EU8	5 km, Northwest		5.00E-06	5.00E-07	0.06	0.05	0.0005	0.006	0.005	0.00005
EU9	10 km, Northeast		5.00E-06	5.00E-07	0.07	0.05	0.0005	0.006	0.005	0.00005
EU10	10 km, Southeast		1.00E-06	5.00E-07	0.01	0.01	0.0001	0.006	0.005	0.00005
EU11	10 km, Southwest		2.00E-06	5.00E-07	0.03	0.02	0.0002	0.006	0.005	0.00005
EU12	10 km, Northwest		1.00E-06	5.00E-07	0.01	0.01	0.0001	0.006	0.005	0.00005
EU13	CFR, 10 mi. Upstream	Offsite Child Recreationalist (Age 0-6)	5.00E-09	n/a	0.00006	0.00005	0.0000005	n/a	n/a	n/a
EU14	CFR, Site-Adjacent		3.00E-08	n/a	0.0004	0.0003	0.000003	n/a	n/a	n/a
EU15	CFR, 4 mi. Downstream		ND	n/a	ND	ND	ND	n/a	n/a	n/a
EU16	CFR, Bladen Bluffs		1.00E-05	n/a	0.2	0.1	0.001	n/a	n/a	n/a
EU17	CFR, Kings Bluffs		2.00E-08	n/a	0.0002	0.0002	0.000002	n/a	n/a	n/a
EU18	Onsite Pond 1		8.00E-07	n/a	0.01	0.008	0.00008	n/a	n/a	n/a
EU19	Offsite Pond B		3.00E-07	n/a	0.004	0.003	0.00003	n/a	n/a	n/a
EU16 (Intake Point)	CFR, Bladen Bluffs	Offsite Child Resident (Age 0-6)	2.00E-05	n/a	0.2	0.2	0.002	n/a	n/a	n/a
EU17 (Intake Point)	CFR, Kings Bluffs		9.00E-07	n/a	0.01	0.009	0.00009	n/a	n/a	n/a

Source: CAP at App. F, Table 4.

The toxicity values derived by the EPA and DEQ/DHHS are largely based on the toxicity data presented in the documents Chemours submitted in the TSCA Section 8(e) consent order.

These studies are both old and limited in scope, and the EPA concluded that:

Data from these available studies indicate that the liver is the most sensitive target of GenX chemicals toxicity. Liver effects were observed in both male and female mice and rats at varying durations of exposures and doses. *These effects occurred at the lowest doses of exposure to GenX chemicals.*⁹⁴

Likewise, DHHS also primarily relied on the decade-old Chemours studies and concluded that the liver was the most sensitive organ and determined where liver pathology (hepatotoxicity) occurred at the lowest dose.

⁹⁴ *Human Health Toxicity Values for Hexafluoropropylene Oxide (HFPO) Dimer Acid and Its Ammonium Salt (CASRN 13252-13-6 and CASRN 62037-80-3) Also Known as 'GenX Chemicals', EPA-823-P-18-001 Public Comment Draft at 47, U.S. EPA (Nov. 2018), https://www.epa.gov/sites/production/files/2018-11/documents/genx_public_comment_draft_toxicity_assessment_nov2018-508.pdf.*

Table 1. No observed adverse effects levels (NOAELs) and proposed benchmark dose lower bound (BMDL) for selected endpoints from seven repeat oral dose studies in rodents dosed with GenX. BMDS Wizard output reports, which include BMD, BMD-to-BMDL ratio, and model visualizations for each modeled endpoint, can be found in Appendix B.

Study dose groups (mg/kg/day)	28-day Mice		28-day Rats		90-day Mice		90-day Rats	
	0, 0.1, 3, 30		M - 0, 0.3, 3, 30 F - 0, 3, 30, 300		0, 0.1, 0.5, 5		M - 0, 0.1, 10, 100 F - 0, 10, 100, 1000	
	NOAEL (mg/kg/day)	Proposed BMDL (mg/kg/day)	NOAEL (mg/kg/day)	Proposed BMDL (mg/kg/day)	NOAEL (mg/kg/day)	Proposed BMDL (mg/kg/day)	NOAEL (mg/kg/day)	Proposed BMDL (mg/kg/day)
Hematology								
Hemoglobin	0.1 (M)	0.0492*	0.3 (M)	1.19	NS		0.1 (M)	2.12
Hematocrit	0.1 (M)	0.00589*	0.3 (M)	0.357	NS		0.1 (M)	--
Hepatotoxicity								
Albumin/Globulin ratio	0.1 (M&F)	0.464 (M); 0.595 (F)	0.3 (M)	0.945	NS		0.1 (M)	0.0741*
Alkaline Phosphatase	3 (M&F)	-- (M); 5.55 (F)	NS		0.5 (M&F)	0.480 (M); 0.859* (F)	10 (M)	1.43
Alanine Aminotransferase	3 (M)	--	NS		0.5 (M&F)	-- (M&F)	NS	
Aspartate Aminotransferase	3 (M)	1.18	NS		0.5 (M)	0.169	NS	
Sorbitol dehydrogenase	3 (M&F)	-- (M); 6.29 (F)	NS		0.5 (M&F)	-- (M&F)	NS	
Hepatocellular necrosis (single cell)	0.1 (M)^	0.299*	3 (M)^	2.70*	0.5 (M)^	0.126#		
Liver weight to brain weight	0.1 (M&F)	0.194 (M); 0.751 (F)	0.3 (M)	0.611	0.5 (M&F)	0.300 (M); 0.929 (F)	0.1 (M)	--
Developmental								
Combined fetal weights								
Skeletal variations								
Offspring weight PND 21								
F1 body weight PND 40								

Source: Secretaries' Science Advisory Board Review of the North Carolina Drinking Water Provisional Health Goal for GenX – Final, DEQ/DHHS (Oct. 30, 2018).

EPA has noted that there were significant deficiencies in the toxic endpoints that Chemours studied. Most importantly, Chemours *did not evaluate immunotoxicity*, particularly with regard to antibody response. In identifying this deficiency, the EPA noted that although gross (nonspecific) hematological damage was investigated, specific immunotoxicity involving antibody production in response to an antibody challenge was not evaluated:

[I]mmune and hematological effects were also observed at low doses; however, these endpoints are not as consistently observed compared to liver effects... *Evaluation of additional immune function assays, histopathology, and immune endpoints such as antibody levels are not available.* The combined dataset was found to be weak as it did not include sufficient measures of immunopathology, humoral immunity, cell-mediated immunity, nonspecific immunity, or host resistance. Data on the potential for these GenX chemicals to impact aspects of immune function beyond immunosuppression are lacking. *Additional studies, therefore,*

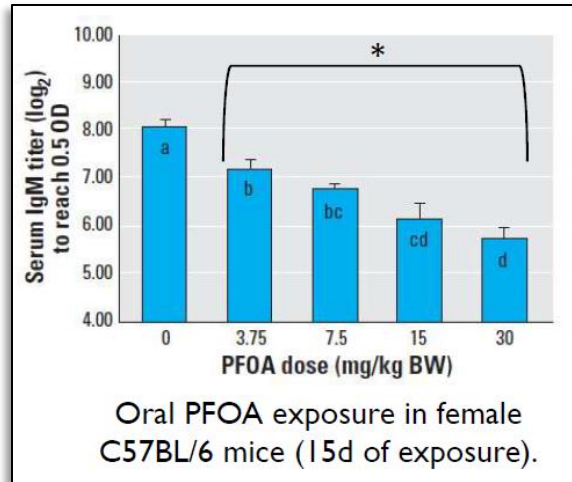
would be useful to support a more conclusive determination of immunotoxic potential. (emphasis added)⁹⁵

Rectifying this gap in knowledge is critical and underscores the need for further analysis of GenX's immunotoxicity to ensure adequate protection of human health from the effects of GenX exposure.

The absence of this information—and its failure to be incorporated into the risk assessment for GenX—follows the historical pattern that DuPont followed in the case of C8. Like GenX, early studies of C8 appeared to indicate that the most sensitive toxic effect identified in PFOA studies was liver damage. Because there were no immunotoxicity studies available for C8 to assess this important toxicological endpoint, however, the C8 toxicity values were based on limited studies in which only liver pathology was identified. Since those early incomplete studies, immunotoxicity has been shown to have a significant impact, especially in children – particularly their ability to effectively immunize against disease.

North Carolina experts like Dr. DeWitt (East Carolina University) concur that immunotoxic effects are the most sensitive toxic endpoints for deriving toxicity values for PFOA or PFOS, which suggests that the immunotoxic effects of GenX must be considered when deriving its toxicity value. Dr. DeWitt recently delivered a December 2, 2019 presentation to the North Carolina Secretaries' Science Advisory Board entitled, *Immunotoxicological Findings of PFAS: A Focus on PFOA and PFOS*. The graph below from one of her studies shows that there is a striking decrease in the circulating antibody blood levels with increasing PFOA dose, which means that there is a reduction in the ability of humans to effectively immunize against disease.

⁹⁵ *Human Health Toxicity Values for Hexafluoropropylene Oxide (HFPO) Dimer Acid and Its Ammonium Salt (CASRN 13252-13-6 and CASRN 62037-80-3) Also Known as 'GenX Chemicals'*, EPA-823-P-18-001 Public Comment Draft at 47, U.S. EPA (Nov. 2018), https://www.epa.gov/sites/production/files/2018-11/documents/genx_public_comment_draft_toxicity_assessment_nov2018-508.pdf.



Source: J. C. DeWitt, C. B. Copeland, M. J. Strynar, and R. W. Luebke, *Perfluorooctanoic Acid-Induced Immunomodulation in Adult C57BL/6J or C57BL/6N Female Mice*, 116 *Environ. Health Perspect.* 5, at 644-50 (May 2008).

Just as DuPont did with C8, Chemours in its HH-SLEA relies on deficient and incomplete toxicological databases in conducting its risk assessments—a practice that is unacceptable in light of the established health risks from exposure to similar PFAS. In a recent publication, Grandjean characterizes the problems with relying on deficient and incomplete toxicological databases for risk assessments. Even though Chemours has produced a wide range of PFAS compounds for 60 years—including the 20 PFAS listed in Table 3+ at issue here—Chemours has done little to conduct the type of toxicity studies needed to assess their risks and protect human health:

Identification and characterization of environmental hazards that impact human health *must rely on the best possible science* to inform and inspire appropriate public health intervention. The perfluorinated alkylate substances (PFASs) are persistent emerging pollutants that are now being recognized as important human health hazards. Although the PFASs have been produced for over 60 years, academic research on environmental health aspects has appeared only in the most recent 10 years or so. . . .

Some early studies, *e.g.*, on population exposures and toxicity, were not released to the public until after year 2000. Still, the first PFAS risk assessments ignored these reports and relied on scant journal publications. The first guidelines and legal limits for PFAS exposure, *e.g.*, from drinking water, were proposed 10 years ago.

They have decreased substantially since then, but remain higher than suggested by data on human adverse effects, especially on the immune system, that occur at background exposure levels. . . .

By now, the best-known PFASs are being phased out, and related PFASs are being introduced *as substitutes*. ***Given the substantial delays in discovery of PFAS toxicity, in dissemination of findings, and in regulatory decisions, PFAS substitutes and other persistent industrial chemicals should be subjected to prior scrutiny before widespread usage.***⁹⁶

6. The HH-SLEA’s Conceptual Exposure Model Ignores Key Exposure Pathways and Manipulates Inputs to Artificially Minimize Risk.

In addition to the analytical flaws in Chemours’ toxicology assessments, Chemours also underestimates exposure risks by ignoring—or purposefully omitting—key exposure pathways. Specifically, in preparing the HH-SLEA, Chemours prepared a “Conceptual Exposure Model [“CEM”] for Human Exposure to PFAS Historically Deposited Offsite.”⁹⁷ The CEM purportedly identifies a complete set of exposure pathways by which human receptors could come into contact with PFAS in environmental media offsite. But the CEM limits the scope of these pathways to *only those receptors that are within 10 kilometers (6.2 miles) of Fayetteville Works (i.e., EU 1 to 12), or at specific locations along the Cape Fear River (EU 13 to EU 19)*. The CEM thus excludes DRCs that consume tap water supplied to them by local water utilities whose treated water exceeds the CO’s 10/70 Action Levels. Risks to these other receptors must be considered.

In the HH-SLEA, Chemours also mathematically attenuated the actual concentration of GenX present in the drinking water from individual wells near Fayetteville Works by using aggregation. Chemours accomplishes this by first grouping individual wells into arbitrarily

⁹⁶ P. Grandjean, *Delayed Discovery, Dissemination, and Decisions on Intervention in Environmental Health: a Case Study on Immunotoxicity of Perfluorinated Alkylate Substances*, 17 Environ. Health 62 (2018) (emphasis added).

⁹⁷ CAP at App. F, Section 3 - Conceptual Exposure Model, at 10 *et seq.*, and App. F, Figure 2.

assigned EU, which ranged in size from 0.48 to 5.2 square miles.⁹⁸ Once the numerous wells were grouped into these large EUs, either the average PFAS concentration or an upper-bound estimate of the PFAS concentration was calculated. These two calculations, whose results were incorporated into subsequent risk estimates by Chemours, artificially diminished the elevated PFAS concentrations detected in many of the well samples. These aggregated and mathematically attenuated GenX results were used by Chemours to estimate non-cancer risks to older children and adults drinking this contaminated well water. For example, Chemours' EU 1, located northeast of Fayetteville Works, included 24 sample results from 22 different wells.⁹⁹ Samples of drinking water from 17 of the 22 (77 percent) different wells in EU 1 contained GenX at a concentration above the DEQ/DHHS Health Advisory Level ("HAL") of 140 ng/L. In addition, the HH-SLEA only estimates risks from exposure to GenX. In EU 1, for example, eight other PFAS listed in the CO were detected in well samples, but they are not included in Chemours' risk estimates. The highest concentration of these other Attachment C PFAS was 4,400 ppt. All of these eight residences contained other (non GenX) individual PFAS above the 10/70 Action Levels.

By not considering these other (non GenX) PFAS, the HH-SLEA underestimates the risk to those drinking contaminated water. Chemours should not group individual wells into arbitrary EUs and then aggregate the GenX concentrations before estimating risks to the residences. Rather, they should estimate risks (and the applicability of the 10/70 Action Levels in the CO) from drinking water from each individual well.

Chemours also failed to consider important exposure routes accounted for in the State's 140 ppt HAL. Specifically, the HAL incorporates a relative source contribution factor for PFAS

⁹⁸ CAP at App. F, Section 4 and Figure 3.

⁹⁹ CAP at App. F, Table F-3-2.

exposure via drinking water.¹⁰⁰ This means that 20 percent of a receptor's PFAS exposure is from drinking contaminated water and the other 80 percent is from air and food. However, Chemours did not consider these other exposure routes.¹⁰¹ Instead, Chemours assumes that the only source of PFAS is from drinking water, thus excluding the risk of exposure from air and food. By not considering the ongoing and background exposure to PFAS in air and food, Chemours substantially underestimates the risk contribution to receptors from Fayetteville Works-related PFAS.

B. Chemours Must Provide RO Systems Until an Adequate Risk Assessment Is Prepared, and Must Conduct Additional Epidemiological and Toxicity Testing.

Chemours is currently far short of fulfilling its obligations under Paragraph 14 of the CO. As a result, the population of exposed residents continues to be exposed to PFAS contamination without the underlying data necessary to ensure human health and safety. Because adequate toxicity and risk assessments are unlikely to be completed for many years, DEQ should require Chemours to install RO systems and purchase bottled water for DRCs until Chemours' Paragraph 14 obligations are satisfied.

Paragraph 14 grants DEQ "the right to seek additional toxicity studies or additional health, chemical persistence and environmental fate information beyond the scope of the initial set of studies required by this paragraph. DEQ shall consider public comments in determining what additional toxicity studies or additional health, chemical persistence and environmental fate information are needed." Chemours' own studies have found significant instances of a variety of carcinogenic and non-carcinogenic impacts from GenX, and numerous epidemiological studies

¹⁰⁰ *Methodology for Deriving Ambient Water Quality Criteria for Protection of Human Health*, U.S. EPA Office of Water (Oct. 2000).

¹⁰¹ There is no Relative Source Contribution factor incorporated into Chemours' equations to calculate the intake of drinking water. See CAP at App. F, Table F-2-1.

have been conducted in large communities where DuPont has manufactured PFAS compounds, contaminating regional air and public and private drinking water.

Paragraph 14 of the CO requires Chemours to conduct toxicology studies of the chemicals listed in Attachment B of the CO. Such studies should also be expanded to include epidemiological studies. To ensure transparency and reliability, the studies should be conducted under the auspices of a truly independent science panel of neutral experts, similar to the process used in connection with DuPont's contamination of the Ohio River Valley area surrounding its Washington Works plant with C8. In addition, Chemours should also be required to conduct toxicological and epidemiological studies on all chemicals listed in Attachment C of the CO.

C. Parallels Between the Health Studies for C8 (*i.e.*, PFOA) Conducted for DuPont's Washington Works plant in West Virginia and the Present Investigation Now Being Conducted for the Chemours Fayetteville Works plant.

There are important parallels between the early health studies for C8 conducted for DuPont's Washington Works plant in West Virginia and the present investigation now being conducted for the Chemours Fayetteville Works plant. The lessons that were learned in the Washington Works investigation should be addressed by the current HH-SLEA and the CAP or at least identified as areas of uncertainty. By ignoring those earlier extensive and robust animal and epidemiology studies, it appears that the mistakes DuPont made in the Washington Works investigations are being repeated in the current HH-SLEA. Lessons learned from the C8 investigation should be applied in assessing the risk of second generation PFAS like GenX and the Attachment C PFAS. Specifically, in the case of C8, early past studies that relied solely on animal studies significantly underestimated the risks to human health, particularly for those exposed to PFAS-contaminated drinking water. Indeed, past PFAS health studies that relied solely on animal studies were disastrous because numerous illnesses and diseases that went completely undetected

in animals produced a high incidence of disease (including cancer) in the human cohort that was actually exposed (for decades) to PFAS. Chemours in its HH-SLEA fails to learn from these past lessons, which have been heeded by most toxicologists and health professionals, and continues to rely solely on animal studies that are incomplete or nonexistent (*i.e.*, they have not yet been performed).

Like the present CAP, which presents the early screening stages of investigations into the health risks posed by PFAS based on incomplete animal toxicity studies, the early DuPont Washington Works studies (which focused on PFOA toxicity and threats to human health) made similar conclusions.

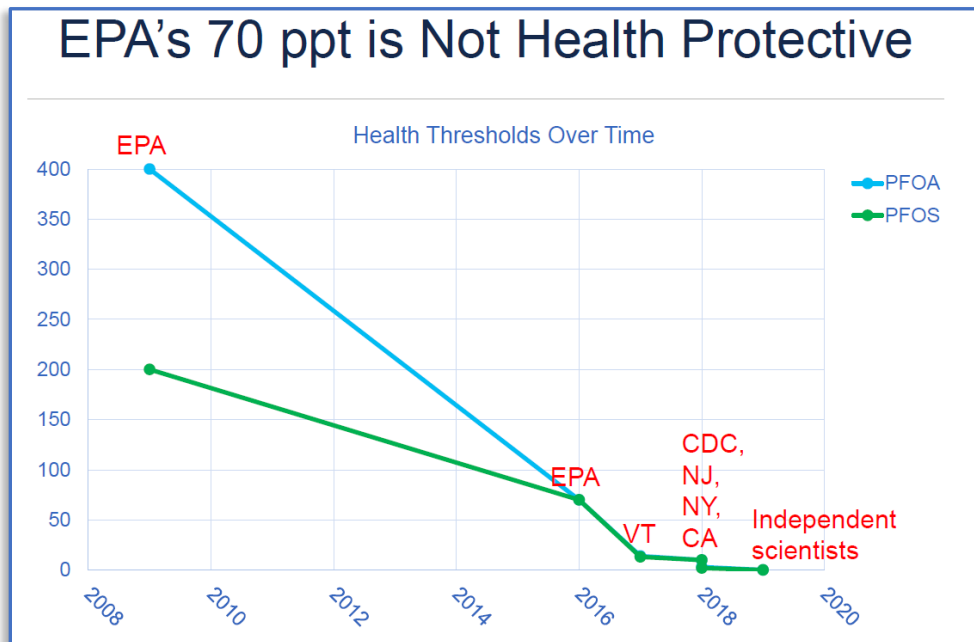
This conclusion was ultimately rejected by one of the largest epidemiological studies of all time. As noted above in Section II, the C8 Science Panel emerged as a result of DuPont's settlement with a class of plaintiffs in the *Leach* action. *Leach v. E. I. du Pont de Nemours & Co.*, No. 01-C-698 (Wood County W. Va. Cir. Ct.). The three epidemiologists appointed to the C8 Science Panel studied the toxicity of C8 to characterize human exposure risks for actual residents, and found a "probable link" between human illness and exposure to C8 (at a dose of 50 parts per trillion (ppt) or nanograms per liter (ng/L) over the course of one year) for the following diseases among exposed residents:

- High cholesterol;
- Ulcerative colitis;
- Thyroid disease;
- Testicular cancer;
- Kidney cancer; and

- Pregnancy-induced hypertension.¹⁰²

The C8 Science Panel’s findings made crystal clear that the animal studies DuPont relied on in the Washington Works studies vastly underestimated the health threat to humans of exposure to even small quantities of PFAS. Indeed, many of the toxic effects, illness, and disease that were ultimately characterized in the human cohort exposed to PFOA at Washington Works were never even identified in the animal studies DuPont relied on in its earlier health assessments.

With each passing year, the field of toxicology concludes that more and more PFAS are far more toxic than previously thought. For example, the following graph shows how the “assumed” safe level of PFAS in drinking water has dropped precipitously over the past decade, which parallels the advancement of toxicological research. It shows that the “health-protective” exposure levels deemed safe by the EPA for PFOA and PFOS in drinking water in 2009 decreased from 400 and 200 ppt, respectively, to 70 ppt in 2016.



¹⁰² See *C8 Probable Link Reports*, C8 Science Panel, http://www.c8sciencepanel.org/prob_link.html (last visited Feb. 21, 2020).

Source: P. Grandjean and E. Budtz-Jorgensen, *Immunotoxicity of Perfluorinated Alkylates: Calculation of Benchmark Doses Based on Serum Concentration in Children*, 12 *Environ. Health* 35 (2013).

Moreover, even the EPA's four-year-old level of 70 ppt (for the combined levels of PFOA and PFOS) has now been shown to significantly underestimate the health threat of these PFAS. Many states are urgently taking swift action to protect their citizens by setting acceptable levels far below 70 ppt. Indeed, many are setting permissible levels of PFOA and PFOS at parts-per-trillion levels in the low teens.

Because the current state-of-the-science toxicological database for GenX is in its infancy, the toxicity values used in the HH-SLEA to calculate risks are highly uncertain and likely under-protective; most certainly, future studies will show our current knowledge is very limited. Therefore, the CAP and the HH-SLEA must include a commitment by Chemours to continue to update its risk assessment as new toxicity and epidemiological information becomes available.

It is likely that these PFAS will be shown to produce *similar toxic effects* as listed above when such studies become available. This assumption is based on the physical/chemical structural similarities of all PFAS compounds, which toxicologists rely on to determine or predict whether similar toxic effects will occur. For example, the NRDC states:

However, issues related to the entire PFAS class, which has now grown to an estimated 4,700 chemicals, have been of increasing concern for researchers and health authorities. Although there is not a robust toxicity database for the suite of PFAS, ***it is generally recognized that these chemicals are structurally similar, and it is reported that the health risks associated with one PFAS are expected for other PFAS as well.***¹⁰³

¹⁰³ A. Reade, T. Quinn, and J. S. Schreiber, *PFAS in Drinking Water 2019: Scientific and Policy Assessment for Addressing Per- and Polyfluoroalkyl Substances (PFAS) in Drinking Water* at 9, Natural Resources Defense Council (Apr. 12, 2019), https://www.nrdc.org/sites/default/files/media-uploads/nrdc_pfas_report.pdf.

VI. Providing the DRCs with the Same Level of Protection Afforded to Residents Drinking Well Water Near Fayetteville Works Is the Only Means for Protecting Human Health

Providing the DRCs with the same level of protection afforded to residents drinking well water near Fayetteville Works is the only means of protecting human health. As stated in the CAP, “Untreated well water was identified as the primary source of potential PFAS intake and hazard.”¹⁰⁴ When the HH-SLEA accounts for the effectiveness of the Chemours-provided drinking water treatment systems that are currently in place, PFAS intake via drinking water and associated hazards are substantially reduced and may be as low as zero.”¹⁰⁵ But the HH-SLEA fails to recognize the same risks posed to the DRCs. The same approach should be taken with respect to DRCs, who should also be provided with point-of-use treatment. Chemours’ studies indicate “that supplying whole building filtration systems and reverse osmosis units for qualifying residents offsite reduces HFPO-DA (and Table 3+ PFAS) intake by over 92%, ensuring human receptor exposures remain below hazard limits for HFPO-DA, based on the NC DHHS draft RfDo.”¹⁰⁶ There is no reason why the DRCs should not be provided with the same level of protection afforded to residents drinking well water near Fayetteville Works.

A. RO Is the Only Reliably Effective Point-of-Use PFAS Exposure Reduction Method.

A recent study¹⁰⁷ evaluated the effectiveness of point-of-use (POU) (*i.e.*, at the drinking water tap) in removing a suite of three perfluoroalkyl sulfonic acids, seven perfluoroalkyl carboxylic acids, and six per- and polyfluoroalkyl ether acids in homes in central and southeastern

¹⁰⁴ CAP at 35.

¹⁰⁵ CAP at 35.

¹⁰⁶ CAP at xv.

¹⁰⁷ Herkert, N.J., et al., *Assessing the Effectiveness of Point-of-Use Residential Drinking Water Filters for Perfluoroalkyl Substances (PFASs)*, 2020 Environ. Sci. and Technol. Lett., <https://dx.doi.org/10.1021/acs.estlett.0c00004>.

North Carolina. POU filtration systems included countertop and pitcher filters, faucet-mounted filters, activated carbon block refrigerator filters, activated carbon block under-sink filters, under-sink dual-stage filters, and under-sink RO filters. The study found that “PFASs are difficult to remove in full-scale water treatment systems because of their physicochemical properties.” But it also found that the under-sink dual-stage and RO filters tested showed near complete removal of all PFASs evaluated. In contrast, it found that all other filters containing activated carbon exhibited variable PFAS removal. In these filters, PFAS removal efficiency was dependent on chain length, with long-chain PFASs (~60-70% removal) being more efficiently removed than short-chain PFASs (~40% removal). A few whole-house activated carbon POE systems (n = 8) were also evaluated; however, results were variable, and in some cases (four of eight systems), increased PFAS levels were observed in the filtered water.

RO is superior to these POU and POE methods, and is the only reliably effective method to protect DRCs.

CONCLUSION

For the forgoing reasons, Plaintiffs respectfully request that DEQ compel Chemours to pay for the acquisition, installation, operation and maintenance of three under-sink RO systems for each residence in the municipal water supply districts and the past and future costs of bottled water pending the installation of such systems.

Appendix A - Summary of PFAS Detected in Water Heater and Tap Water Sampling near Wilmington, NC.

Appendix A

Table A-1. Summary of PFAS Detected in Water Heater and Tap Water Sampling near Wilmington, NC.

units = ng/L

				Property:	A	A	A	A	B	B	B		
				Smpl ID:	WAMP	WAMP	WAMP	WAMP	SAND	SAND	SAND		
				Location:	Tap-F	Tap-S	Heat-B	Heat-T	Heat-B.a	Heat-B.b	Heat-T.c		
				Wtr. Source:	Municipal	Municipal	Municipal	Municipal	Municipal	Municipal	Municipal		
				City:	Calabash	Calabash	Calabash	Calabash	Hampstead	Hampstead	Hampstead		
				County:	Brun.	Brun.	Brun.	Brun.	Pend.	Pend.	Pend.		
				Smpl Date:	8/29/19	8/29/19	8/29/19	8/29/19	3/13/19	3/13/19	3/13/19		
Common Name	Chemical Name		CASN	Chemical Formula									
Detected PFAS listed in Attachment C of 2/25/19 Consent Order													
PFMOAA	Perfluoro- 2-methoxyacetic acid		674-13-5	C3HF5O3	29.4	30.3	30.0	37.1	33.1	35.8	36.3		
PMPA	PFMOPrA	Perfluoro-2-methoxypropanoic acid	Perfluoro-3-methoxypropanoic acid	13140-29-9	377-73-1	C4HF7O3	8.15	8.99	11.4	13.5	6.71	6.31	8.82
PFO2HxA	Perfluoro(3,5-dioxahexanoic) acid		39492-88-1	C4HF7O4	22.4	25.4	21.2	30.4	4.18	3.75	4.90		
PEPA	PFMObA	2,3,3,3-Tetrafluoro-2-(pentafluoroethoxy) propanoic acid	Perfluoro-4-methoxybutanoic acid	267239-61-2	863090-89-5	C5HF9O3	9.36	11.9	12.0	18.1	ND	ND	2.13
PFO3OA	Perfluoro(3,5,7-trioxaoctanoic) acid		39492-89-2	C5HF9O5	6.97	10.6	7.33	7.97	5.09	5.21	5.61		
PFO4DA	Perfluoro(3,5,7,9-tetraoxadecanoic) acid		39492-90-5	C6HF11O6	3.47	2.92	2.77	2.53	ND	ND	ND		
PFESA-BP1 / Nafion BP #1	Nafion Byproduct 1		66796-30-3; 29311-67-9	C7HF13O5S	ND	ND	ND	ND	ND	ND	ND		
PFESA-BP2 / Nafion BP #2	Nafion Byproduct 2		749836-20-2	C7H2F14O5S	2.11	2.17	1.53	1.98	ND	ND	ND		
PFECA-G	Hexanoic acid, 2,2,3,3,4,4,5,5,6,6-decafluoro-6-(trifluoromethoxy)-; Butanoic acid, 2,2,3,3,4,4-hexafluoro-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]-		174767-10-3; 801212-59-9	C7HF13O3	ND	ND	ND	ND	ND	ND	ND		
TAFN4 / PFO5DA	Perfluoro(3,5,7,9,11-pentadodecanoic) acid		39492-91-6	C7HF13O7	1.55	1.92	1.45	1.50	ND	ND	ND		
PFHpA	Perfluoroheptanoic acid		375-85-9	C7HF13O2	19.4	27.1	20.9	24.7	2.22	2.04	2.46		
HFPO-DA / PFPrOPrA / "GenX"	2,3,3,3-Tetrafluoro-2 (1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid		13252-13-6	C6HF11O3	19.8	26.3	22.1	25.8	5.95	5.34	6.75		
Attachement C Total (Exceeds 70 ppt):					123	148	131	164	57	58	67		

Notes/Comments:

999 = Sample result for single PFAS above 10 ng/L limit in Consent Order (Para. 20.a)

999 = Sample result for combination of PFAS above 70 ng/L limit in Consent Order (Para. 20.b)

CASN = Chemical abstracts service registry number

ng/L = Nanograms per liter (a.k.a. parts per trillion or ppt)

ND = Not detected

PFAS = Per- and polyfluoroalkyl substances

Samples collected in June 2018 and March 2019 tested consistent with U.S. Environmental Protection Agency (USEPA) Method 537 and samples collected in August 2019 and October 2019 tested consistent with USEPA Method 537.1. All tests completed by GEL Laboratories, LLC (Charleston, SC).

Locations - Dup = Blind duplicate, Heat-B = Bottom of water heater sample, Heat-T = Top of water heater sample, O.S. = Outside spigot/tap, Out-F = First-flush from outside tap, Out-S = Follow-up outside tap water sample, Tap-F = First-flush sample from tap, and Tap-S = Follow-up tap water sample.

Wtr. Source - Municipal = Municipal water provider.

County - Brun. = Brunswick, Col. = Columbus, New Hand = New Handover, and Pend = Pender.



Table A-1. Summary of PFAS Detected in Water Heater and Tap Water Sampling near Wilmin

units = ng/L

Common Name		Chemical Name		CASN	B SAND Heat-T.d Municipal Hampstead Pend. 3/13/19	C ERGE Heat-B Municipal Leland Bruns. 6/21/18	C ERGE Heat-T Municipal Leland Bruns. 6/21/18	C ERGE Heat-B.a Municipal Leland Bruns. 3/12/19	C ERGE Heat-B.b Municipal Leland Bruns. 3/12/19	C ERGE Heat-T.c Municipal Leland Bruns. 3/12/19	C ERGE Heat-T.d Municipal Leland Bruns. 3/12/19	D HAMP Heat-B.a Municipal Leland Bruns. 3/12/19	D HAMP Heat-B.b Municipal Leland Bruns. 3/12/19
Detected PFAS listed in Attachment C of 2/25/19 Consent Order													
PFMOAA		Perfluoro- 2-methoxyacetic acid		674-13-5	39.0	21.5	13.7	5.87	5.75	8.22	5.21	9.52	9.70
PMPA	PFMOPrA	Perfluoro-2-methoxypropanoic acid	Perfluoro-3-methoxypropanoic acid	13140-29-9 377-73-1	9.58	ND	ND	16.7	7.01	6.03	6.27	8.76	8.42
PFO2HxA		Perfluoro(3,5-dioxahexanoic) acid		39492-88-1	4.57	17.1	8.89	6.44	6.47	6.52	5.89	7.71	7.87
PEPA	PFMObA	2,3,3,3-Tetrafluoro-2-(pentafluoroethoxy)propanoic acid	Perfluoro-4-methoxybutanoic acid	267239-61-2 863090-89-5	3.80	ND	ND	ND	ND	ND	ND	2.85	ND
PFO3OA		Perfluoro(3,5,7-trioxaoctanoic) acid		39492-89-2	6.05	14.1	6.61	2.35	2.1	1.36	1.81	2.25	2.81
PFO4DA		Perfluoro(3,5,7,9-tetraoxadecanoic) acid		39492-90-5	ND	4.98	2.57	ND	ND	ND	ND	ND	ND
PFESA-BP1 / Nafion BP #1		Nafion Byproduct 1		66796-30-3; 29311-67-9	ND	202	3.37	ND	ND	ND	ND	ND	ND
PFESA-BP2 / Nafion BP #2		Nafion Byproduct 2		749836-20-2	ND	8.40	ND	ND	ND	ND	ND	ND	ND
PFECA-G		Hexanoic acid, 2,2,3,3,4,4,5,5,6,6-decafluoro-6-(trifluoromethoxy)-; Butanoic acid, 2,2,3,3,4,4-hexafluoro-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]-		174767-10-3; 801212-59-9	ND	ND	ND	ND	ND	ND	ND	ND	ND
TAFN4 / PFO5DA		Perfluoro(3,5,7,9,11-pentadodecanoic) acid		39492-91-6	ND	7.89	ND	ND	ND	ND	ND	ND	ND
PFHpA		Perfluoroheptanoic acid		375-85-9	2.64	16.8	18.1	1.79	1.62	1.92	1.96	2.54	1.99
HFPO-DA / PFPrOPrA / "GenX"		2,3,3,3-Tetrafluoro-2 (1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid		13252-13-6	6.84	15.3	16.7	8.70	8.79	7.71	7.71	10.1	10.0
Attached					72	308	70	42	32	32	29	44	41

Notes/Comments:

999 = Sample result for single PFAS above 10 ng/L limit in Consent Order (Para. 20.a)

999 = Sample result for combination of PFAS above 70 ng/L limit in Consent Order (Para. 20.b)

CASN = Chemical abstracts service registry number

ng/L = Nanograms per liter (a.k.a. parts per trillion or ppt)

ND = Not detected

PFAS = Per- and polyfluoroalkyl substances

Samples collected in June 2018 and March 2019 tested consistent with U.S. Environmental Protection Agency (USEPA) Method 537.1. All tests completed by GEL Laboratory.

Locations - Dup = Blind duplicate, Heat-B = Bottom of water heater sample, Heat-T = Top of water heater sample, O.S. = Outside tap, Out-S = Follow-up outside tap water sample, Tap-F = First-flush sample from tap, and Tap-S = Follow-up tap water sample.

Wtr. Source - Municipal = Municipal water provider.

County - Bruns = Brunswick, Col. = Columbus, New Hand = New Handover, and Pend = Pender.



Table A-1. Summary of PFAS Detected in Water Heater and Tap Water Sampling near Wilmin

units = ng/L

Common Name		Chemical Name		CASN	D HAMP Heat-B.a/Dup_c Municipal Leland Bruns. 3/12/19	D HAMP Heat-B.b/Dup_d Municipal Leland Bruns. 3/12/19	D HAMP Heat-T.e Municipal Leland Bruns. 3/12/19	D HAMP Heat-T.f Municipal Leland Bruns. 3/12/19	D HAMP Heat-T.e/Dup_g Municipal Leland Bruns. 3/12/19	D HAMP Heat-T.f/Dup_h Municipal Leland Bruns. 3/12/19	E LEE Tap-F Municipal Leland Bruns. 10/24/19	E LEE Tap-S Municipal Leland Bruns. 10/24/19
Detected PFAS listed in Attachment C of 2/25/19 Consent Order												
PFMOAA		Perfluoro- 2-methoxyacetic acid		674-13-5	9.90	9.38	8.16	9.54	6.68	8.66	53.1	56.6
PMPA	PFMOPrA	Perfluoro-2-methoxypropanoic acid	Perfluoro-3-methoxypropanoic acid	13140-29-9 377-73-1	8.15	8.42	7.38	7.67	7.04	7.71	14.1	16.6
PFO2HxA		Perfluoro(3,5-dioxahexanoic) acid		39492-88-1	8.64	7.96	6.83	7.14	3.91	6.56	45.3	44.8
PEPA	PFMObA	2,3,3,3-Tetrafluoro-2-(pentafluoroethoxy)propanoic acid	Perfluoro-4-methoxybutanoic acid	267239-61-2 863090-89-5	ND	ND	ND	ND	ND	ND	12.0	12.4
PFO3OA		Perfluoro(3,5,7-trioxaoctanoic) acid		39492-89-2	3.24	2.59	2.35	1.99	2.33	1.72	15.4	18.0
PFO4DA		Perfluoro(3,5,7,9-tetraoxadecanoic) acid		39492-90-5	ND	ND	ND	ND	ND	ND	6.06	5.70
PFESA-BP1 / Nafion BP #1		Nafion Byproduct 1		66796-30-3; 29311-67-9	ND	ND	ND	ND	ND	ND	2.41	2.23
PFESA-BP2 / Nafion BP #2		Nafion Byproduct 2		749836-20-2	ND	ND	ND	ND	ND	ND	3.07	2.95
PFECA-G		Hexanoic acid, 2,2,3,3,4,4,5,5,6,6-decafluoro-6-(trifluoromethoxy)-; Butanoic acid, 2,2,3,3,4,4-hexafluoro-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]-		174767-10-3; 801212-59-9	ND	ND	ND	ND	ND	ND	ND	ND
TAFN4 / PFO5DA		Perfluoro(3,5,7,9,11-pentadodecanoic) acid		39492-91-6	ND	ND	ND	ND	ND	ND	2.7	2.74
PFHpA		Perfluoroheptanoic acid		375-85-9	1.70	1.63	1.78	2.25	1.87	1.52	30.2	30.1
HFPO-DA / PFPrOPrA / "GenX"		2,3,3,3-Tetrafluoro-2 (1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid		13252-13-6	9.56	10.1	8.67	8.90	8.50	8.25	47.8	46.4
Attached					41	40	35	37	30	34	232	239

Notes/Comments:

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999 = Sample result for combination of PFAS above 70 ng/L limit in Consent Order (Para. 20.b)

CASN = Chemical abstracts service registry number

ng/L = Nanograms per liter (a.k.a. parts per trillion or ppt)

ND = Not detected

PFAS = Per- and polyfluoroalkyl substances

Samples collected in June 2018 and March 2019 tested consistent with U.S. Environmental Protection Agency (USEPA) Method 537.1. All tests completed by GEL Laboratory.

Locations - Dup = Blind duplicate, Heat-B = Bottom of water heater sample, Heat-T = Top of water heater sample, O.S. = Outside tap, Out-S = Follow-up outside tap water sample, Tap-F = First-flush sample from tap, and Tap-S = Follow-up tap water sample.

Wtr. Source - Municipal = Municipal water provider.

County - Bruns = Brunswick, Col. = Columbus, New Hand = New Handover, and Pend = Pender.



Table A-1. Summary of PFAS Detected in Water Heater and Tap Water Sampling near Wilmin

units = ng/L

Common Name	Chemical Name	CASN	E	E	E	F	F	F	F	G	G			
			LEE	LEE	LEE	FOUR	FOUR	FOUR	FOUR	SELL	SELL			
			Heat-B Municipal Leland Bruns. 10/24/19	Heat-B/Dup_2 Municipal Leland Bruns. 10/24/19	Heat-T Municipal Leland Bruns. 10/24/19	Tap-F Municipal Oak Is. Bruns. 10/24/19	Tap-S Municipal Oak Is. Bruns. 10/24/19	Heat-B Municipal Oak Is. Bruns. 10/24/19	Heat-T Municipal Oak Is. Bruns. 10/24/19	Tap-F Municipal Oak Is. Bruns. 10/24/19	Tap-S Municipal Oak Is. Bruns. 10/24/19			
Detected PFAS listed in Attachment C of 2/25/19 Consent Order														
PFMOAA	Perfluoro- 2-methoxyacetic acid	674-13-5	36.7	42.9	53.8	32.3	43.6	27.8	9.75	76.5	73.4			
PMPA	PFMOPrA	Perfluoro-2-methoxypropanoic acid	Perfluoro-3-methoxypropanoic acid	13140-29-9	377-73-1	17.2	20.5	23.7	ND	8.31	11.2	4.11	18.6	15.0
PFO2HxA	Perfluoro(3,5-dioxahexanoic) acid	39492-88-1	35.4	43.3	51.1	24.0	33.3	26.8	10.3	57.1	61.5			
PEPA	PFMOBA	2,3,3,3-Tetrafluoro-2-(pentafluoroethoxy)propanoic acid	Perfluoro-4-methoxybutanoic acid	267239-61-2	863090-89-5	4.96	5.56	6.64	7.1	8.0	ND	ND	13.4	13.3
PFO3OA	Perfluoro(3,5,7-trioxaoctanoic) acid	39492-89-2	11.3	12.3	15.1	9.14	13.8	9.39	3.85	21.1	20.6			
PFO4DA	Perfluoro(3,5,7,9-tetraoxadecanoic) acid	39492-90-5	3.93	3.46	4.05	3.39	4.23	2.37	1.4	7.03	8.06			
PFESA-BP1 / Nafion BP #1	Nafion Byproduct 1	66796-30-3; 29311-67-9	ND	ND	1.40	ND	1.47	ND	ND	1.94	2.00			
PFESA-BP2 / Nafion BP #2	Nafion Byproduct 2	749836-20-2	1.57	1.68	2.03	2.49	2.74	ND	ND	5.02	4.67			
PFECA-G	Hexanoic acid, 2,2,3,3,4,4,5,5,6,6-decafluoro-6-(trifluoromethoxy)-; Butanoic acid, 2,2,3,3,4,4-hexafluoro-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]-	174767-10-3; 801212-59-9	ND	ND	ND	ND	ND	ND	ND	ND	ND			
TAFN4 / PFO5DA	Perfluoro(3,5,7,9,11-pentadodecanoic) acid	39492-91-6	1.19	1.54	2.75	ND	2.3	ND	ND	3.88	3.23			
PFHpA	Perfluoroheptanoic acid	375-85-9	19.6	23.2	26.0	14.6	21.3	13.4	5.49	36.1	37.4			
HFPO-DA / PFPrOPrA / "GenX"	2,3,3,3-Tetrafluoro-2 (1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid	13252-13-6	26.5	30.9	37.1	21.5	32.2	18	7.69	52.4	54.2			
Attache			158	185	224	115	171	109	43	293	293			

Notes/Comments:

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999 = Sample result for combination of PFAS above 70 ng/L limit in Consent Order (Para. 20.b)

CASN = Chemical abstracts service registry number

ng/L = Nanograms per liter (a.k.a. parts per trillion or ppt)

ND = Not detected

PFAS = Per- and polyfluoroalkyl substances

Samples collected in June 2018 and March 2019 tested consistent with U.S. Environmental Protection Agency (USEPA) Method 537.1. All tests completed by GEL Laboratory.

Locations - Dup = Blind duplicate, Heat-B = Bottom of water heater sample, Heat-T = Top of water heater sample, O.S. = Outside tap, Out-S = Follow-up outside tap water sample, Tap-F = First-flush sample from tap, and Tap-S = Follow-up tap water sample.

Wtr. Source - Municipal = Municipal water provider.

County - Bruns = Brunswick, Col. = Columbus, New Hand = New Handover, and Pend = Pender.



Table A-1. Summary of PFAS Detected in Water Heater and Tap Water Sampling near Wilmin

units = ng/L

Common Name	Chemical Name	CASN	G	G	H	H	H	H	I	I	I	
			SELL	SELL	WATE	WATE	WATE	WATE	GOOS	GOOS	GOOS	
			Heat-B Municipal Oak Is. Bruns. 10/24/19	Heat-T Municipal Oak Is. Bruns. 10/24/19	Tap-F Municipal Ocean Isle Bruns. 8/29/19	Tap-S Municipal Ocean Isle Bruns. 8/29/19	Heat-B Municipal Ocean Isle Bruns. 8/29/19	Heat-T Municipal Ocean Isle Bruns. 8/29/19	Tap-F Municipal Riegelwood Colum. 10/24/19	Tap-S Municipal Riegelwood Colum. 10/24/19	Heat-B Municipal Riegelwood Colum. 10/24/19	
Detected PFAS listed in Attachment C of 2/25/19 Consent Order												
PFMOAA	Perfluoro- 2-methoxyacetic acid	674-13-5	17.6	14.4	29.7	29.1	35.2	30.3	59.3	63.5	52.4	
PMPA	PFMOPrA	Perfluoro-2-methoxypropanoic acid	Perfluoro-3-methoxypropanoic acid	13140-29-9	377-73-1	7.00	6.19	7.56	6.84	22.7	19.1	22.6
PFO2HxA	Perfluoro(3,5-dioxahexanoic) acid	39492-88-1	16.9	13.6	24.1	23.2	27.9	26.3	47.0	51.8	50.0	
PEPA	PFMOBA	2,3,3,3-Tetrafluoro-2-(pentafluoroethoxy)propanoic acid	Perfluoro-4-methoxybutanoic acid	267239-61-2	863090-89-5	ND	ND	4.69	3.35	11.4	11.0	3.94
PFO3OA	Perfluoro(3,5,7-trioxaoctanoic) acid	39492-89-2	5.13	4.37	8.99	9.21	9.01	8.19	16.9	18.2	15.2	
PFO4DA	Perfluoro(3,5,7,9-tetraoxadecanoic) acid	39492-90-5	2.00	1.28	4.09	4.07	4.06	3.01	5.89	5.89	5.41	
PFESA-BP1 / Nafion BP #1	Nafion Byproduct 1	66796-30-3; 29311-67-9	ND	ND	ND	ND	ND	ND	1.82	1.51	ND	
PFESA-BP2 / Nafion BP #2	Nafion Byproduct 2	749836-20-2	ND	ND	1.99	1.79	1.69	1.91	3.39	3.85	3.02	
PFECA-G	Hexanoic acid, 2,2,3,3,4,4,5,5,6,6-decafluoro-6-(trifluoromethoxy)-; Butanoic acid, 2,2,3,3,4,4-hexafluoro-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]-	174767-10-3; 801212-59-9	ND	ND	ND	ND	ND	ND	ND	ND	ND	
TAFN4 / PFO5DA	Perfluoro(3,5,7,9,11-pentadodecanoic) acid	39492-91-6	ND	ND	ND	2.03	1.42	1.77	2.60	2.34	2.83	
PFHpA	Perfluoroheptanoic acid	375-85-9	8.51	8.83	18.5	17.0	16.8	17.7	31.2	31.4	24.3	
HFPO-DA / PFPrOPrA / "GenX"	2,3,3,3-Tetrafluoro-2 (1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid	13252-13-6	9.02	11.3	20.9	21.6	20.7	20.3	41.2	44.5	33.6	
Attache			64	59	127	128	129	120	243	253	213	

Notes/Comments:

999 = Sample result for single PFAS above 10 ng/L limit in Consent Order (Para. 20.a)

999 = Sample result for combination of PFAS above 70 ng/L limit in Consent Order (Para. 20.b)

CASN = Chemical abstracts service registry number

ng/L = Nanograms per liter (a.k.a. parts per trillion or ppt)

ND = Not detected

PFAS = Per- and polyfluoroalkyl substances

Samples collected in June 2018 and March 2019 tested consistent with U.S. Environmental Environmental Protect Agency (USEPA) Method 537.1. All tests completed by GEL Laboratory

Locations - Dup = Blind duplicate, Heat-B = Bottom of water heater sample, Heat-T = Top of water heater sample, O.S. = Outside tap, Out-S = Follow-up outside tap water sample, Tap-F = First-flush sample from tap, and Tap-S = Follow-up tap water

Wtr. Source - Municipal = Municipal water provider.

County - Bruns = Brunswick, Col. = Columbus, New Hand = New Handover, and Pend = Pender.



Table A-1. Summary of PFAS Detected in Water Heater and Tap Water Sampling near Wilmin

units = ng/L

Common Name		Chemical Name		CASN	I GOOS Heat-T Municipal Riegelwood Colum. 10/24/19	J ODEL Tap-F Municipal Shalotte Bruns. 10/24/19	J ODEL Tap-S Municipal Shalotte Bruns. 10/24/19	J ODEL Heat-B Municipal Shalotte Bruns. 10/24/19	J ODEL Heat-T Municipal Shalotte Bruns. 10/24/19	K RIVE Tap-F Municipal Shalotte Bruns. 8/29/19	K RIVE Tap-S Municipal Shalotte Bruns. 8/29/19	K RIVE Heat-B Municipal Shalotte Bruns. 8/29/19	K RIVE Heat-T Municipal Shalotte Bruns. 8/29/19
Detected PFAS listed in Attachment C of 2/25/19 Consent Order													
PFMOAA		Perfluoro- 2-methoxyacetic acid		674-13-5	48.1	20.6	15.3	64.0	98.3	22.4	31.6	36.3	34.0
PMPA	PFMOPrA	Perfluoro-2-methoxypropanoic acid	Perfluoro-3-methoxypropanoic acid	13140-29-9 377-73-1	17.9	2.71	ND	19.3	24.1	6.06	7.97	8.17	8.67
PFO2HxA		Perfluoro(3,5-dioxahexanoic) acid		39492-88-1	43.8	15.9	9.64	57.8	74.2	18.9	25.4	29.6	26.2
PEPA	PFMObA	2,3,3,3-Tetrafluoro-2-(pentafluoroethoxy)propanoic acid	Perfluoro-4-methoxybutanoic acid	267239-61-2 863090-89-5	5.34	5.38	2.53	12.5	17.2	14.3	8.49	4.55	5.68
PFO3OA		Perfluoro(3,5,7-trioxaoctanoic) acid		39492-89-2	13.9	6.97	4.37	19.5	26.0	5.35	10.7	8.89	9.11
PFO4DA		Perfluoro(3,5,7,9-tetraoxadecanoic) acid		39492-90-5	4.73	2.56	1.23	5.98	7.54	2.23	4.39	3.62	3.54
PFESA-BP1 / Nafion BP #1		Nafion Byproduct 1		66796-30-3; 29311-67-9	1.26	ND	ND	1.66	1.71	ND	ND	ND	ND
PFESA-BP2 / Nafion BP #2		Nafion Byproduct 2		749836-20-2	3.55	1.76	ND	4.32	5.31	1.79	2.22	2.21	2.05
PFECA-G		Hexanoic acid, 2,2,3,3,4,4,5,5,6,6-decafluoro-6-(trifluoromethoxy)-; Butanoic acid, 2,2,3,3,4,4-hexafluoro-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]-		174767-10-3; 801212-59-9	ND	ND	ND	ND	ND	ND	ND	ND	ND
TAFN4 / PFO5DA		Perfluoro(3,5,7,9,11-pentadodecanoic) acid		39492-91-6	3.29	ND	ND	3.00	3.2	ND	2.69	1.85	1.75
PFHpA		Perfluoroheptanoic acid		375-85-9	24.7	12.8	6.93	35.4	39.5	14.0	18.9	20.2	21.9
HFPO-DA / PFPrOPrA / "GenX"		2,3,3,3-Tetrafluoro-2 (1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid		13252-13-6	33.1	17.6	9.43	48.5	63.3	16.2	22.7	20.9	20.7
Attached					200	86	49	272	360	101	135	136	134

Notes/Comments:

999 = Sample result for single PFAS above 10 ng/L limit in Consent Order (Para. 20.a)
 999 = Sample result for combination of PFAS above 70 ng/L limit in Consent Order (Para. 20.b)

CASN = Chemical abstracts service registry number
 ng/L = Nanograms per liter (a.k.a. parts per trillion or ppt)
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 Samples collected in June 2018 and March 2019 tested consistent with U.S. Environmental Protection Agency (USEPA) Method 537.1. All tests completed by GEL Laboratory
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Wtr. Source - Municipal = Municipal water provider.
County - Bruns = Brunswick, Col. = Columbus, New Hand = New Handover, and Pend = Pender.



Table A-1. Summary of PFAS Detected in Water Heater and Tap Water Sampling near Wilmin

units = ng/L

Common Name		Chemical Name		CASN	K RIVE Heat-T/Dup_4 Municipal Shalotte Bruns. 8/29/19	L ADAM Tap-F Municipal Wilmington New Han. 10/24/19	L ADAM Tap-S Municipal Wilmington New Han. 10/24/19	L ADAM Heat-B Municipal Wilmington New Han. 10/24/19	L ADAM Heat-T Municipal Wilmington New Han. 10/24/19	M ARBO Tap-F Municipal Wilmington New Han. 10/25/19	M ARBO Tap-S Municipal Wilmington New Han. 10/25/19	M ARBO Heat-B Municipal Wilmington New Han. 10/25/19
Detected PFAS listed in Attachment C of 2/25/19 Consent Order												
PFMOAA		Perfluoro- 2-methoxyacetic acid		674-13-5	31.1	63.9	68.9	55.9	72.3	71.6	68.7	62.8
PMPA	PFMOPrA	Perfluoro-2-methoxypropanoic acid	Perfluoro-3-methoxypropanoic acid	13140-29-9; 377-73-1	8.90							
PFO2HxA		Perfluoro(3,5-dioxahexanoic) acid		39492-88-1	26.7	57.9	56.5	54.5	70.9	68.5	72.6	46.8
PEPA	PFMObA	2,3,3,3-Tetrafluoro-2-(pentafluoroethoxy)propanoic acid	Perfluoro-4-methoxybutanoic acid	267239-61-2; 863090-89-5	18.4	11.3	11.2	9.66	11.8	8.47	12.6	7.44
PFO3OA		Perfluoro(3,5,7-trioxaoctanoic) acid		39492-89-2	9.78	18.7	17.1	15.4	23.9	18.1	21.5	16.5
PFO4DA		Perfluoro(3,5,7,9-tetraoxadecanoic) acid		39492-90-5	3.87	4.56	4.21	3.40	5.28	4.18	4.78	3.58
PFESA-BP1 / Nafion BP #1		Nafion Byproduct 1		66796-30-3; 29311-67-9	ND	ND	ND	ND	ND	ND	ND	ND
PFESA-BP2 / Nafion BP #2		Nafion Byproduct 2		749836-20-2	2.01	2.14	2.04	1.54	1.77	1.71	2.21	1.84
PFECA-G		Hexanoic acid, 2,2,3,3,4,4,5,5,6,6-decafluoro-6-(trifluoromethoxy)-; Butanoic acid, 2,2,3,3,4,4-hexafluoro-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]-		174767-10-3; 801212-59-9	ND	ND	ND	ND	ND	ND	ND	ND
TAFN4 / PFO5DA		Perfluoro(3,5,7,9,11-pentadodecanoic) acid		39492-91-6	1.92	1.56	ND	ND	ND	ND	1.31	1.40
PFHpA		Perfluoroheptanoic acid		375-85-9	18.8	21.6	20.5	15.3	19.9	16.7	20.8	15.1
HFPO-DA / PFPrOPrA / "GenX"		2,3,3,3-Tetrafluoro-2 (1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid		13252-13-6	20.0	40.3	40.2	27.1	32.7	29.8	33	28.3
Attached					141	248	238	213	275	247	274	212

Notes/Comments:

9 9 9 = Sample result for single PFAS above 10 ng/L limit in Consent Order (Para. 20.a)

9 9 9 = Sample result for combination of PFAS above 70 ng/L limit in Consent Order (Para. 20.b)

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Wtr. Source - Municipal = Municipal water provider.

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Table A-1. Summary of PFAS Detected in Water Heater and Tap Water Sampling near Wilmin

units = ng/L

Common Name		Chemical Name		CASN		M	N	N	N	N	O	O	O
						ARBO	BOHN	BOHN	BOHN	BOHN	BOTS	BOTS	BOTS
						Heat-T	Tap-F	Tap-S	Heat-B	Heat-T	Tap-F	Tap-S	Heat-B
						Municipal	Municipal	Municipal	Municipal	Municipal	Municipal	Municipal	Municipal
						Wilmington	Wilmington	Wilmington	Wilmington	Wilmington	Wilmington	Wilmington	Wilmington
						New Han.	New Han.	New Han.	New Han.	New Han.	New Han.	New Han.	New Han.
						10/25/19	8/28/19	8/28/19	8/28/19	8/28/19	8/27/19	8/27/19	8/27/19
Detected PFAS listed in Attachment C of 2/25/19 Consent Order													
PFMOAA		Perfluoro- 2-methoxyacetic acid		674-13-5		57.4	41.2	38.5	ND	ND	43.9	47.0	45.6
PMPA	PFMOPrA	Perfluoro-2-methoxypropanoic acid	Perfluoro-3-methoxypropanoic acid	13140-29-9	377-73-1	27.6	11.5	11.8	ND	ND	16.2	15.5	13.1
PFO2HxA		Perfluoro(3,5-dioxahexanoic) acid		39492-88-1		52.3	36.1	35.7	ND	ND	42.6	41.2	37.3
PEPA	PFMObA	2,3,3,3-Tetrafluoro-2-(pentafluoroethoxy)propanoic acid	Perfluoro-4-methoxybutanoic acid	267239-61-2	863090-89-5	8.57	8.37	6.03	ND	ND	8.01	6.03	5.28
PFO3OA		Perfluoro(3,5,7-trioxaoctanoic) acid		39492-89-2		17.7	12.4	11.3	ND	ND	11.0	10.9	11.4
PFO4DA		Perfluoro(3,5,7,9-tetraoxadecanoic) acid		39492-90-5		2.93	2.35	2.50	ND	ND	2.17	1.86	2.04
PFESA-BP1 / Nafion BP #1		Nafion Byproduct 1		66796-30-3; 29311-67-9		ND	ND	ND	ND	ND	ND	ND	ND
PFESA-BP2 / Nafion BP #2		Nafion Byproduct 2		749836-20-2		1.77	ND	ND	ND	ND	ND	ND	ND
PFECA-G		Hexanoic acid, 2,2,3,3,4,4,5,5,6,6-decafluoro-6-(trifluoromethoxy)-; Butanoic acid, 2,2,3,3,4,4-hexafluoro-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]-		174767-10-3; 801212-59-9		ND	ND	ND	ND	ND	ND	ND	ND
TAFN4 / PFO5DA		Perfluoro(3,5,7,9,11-pentadodecanoic) acid		39492-91-6		ND	ND	ND	ND	ND	ND	ND	ND
PFHpA		Perfluoroheptanoic acid		375-85-9		17.1	10.1	9.89	ND	ND	9.91	9.78	8.02
HFPO-DA / PFPrOPrA / "GenX"		2,3,3,3-Tetrafluoro-2 (1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid		13252-13-6		26.3	18.0	16.8	ND	ND	20.2	19.0	16.8
Attache						212	140	133	-	-	154	151	140

Notes/Comments:

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999 = Sample result for combination of PFAS above 70 ng/L limit in Consent Order (Para. 20.b)

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County - Bruns = Brunswick, Col. = Columbus, New Hand = New Handover, and Pend = Pender.



Table A-1. Summary of PFAS Detected in Water Heater and Tap Water Sampling near Wilmin

units = ng/L

Common Name		Chemical Name		CASN	O BOTS Heat-T Municipal Wilmington New Han. 8/27/19	P CARR Tap-F Municipal Wilmington New Han. 10/24/19	P CARR Tap-S Municipal Wilmington New Han. 10/24/19	Q HYAN Tap-F Municipal Wilmington New Han. 10/25/19	Q HYAN Tap-S Municipal Wilmington New Han. 10/25/19	Q HYAN Heat-B Municipal Wilmington New Han. 10/25/19	Q HYAN Heat-T Municipal Wilmington New Han. 10/25/19	R JAYB Tap-F Municipal Wilmington New Han. 8/28/19
Detected PFAS listed in Attachment C of 2/25/19 Consent Order												
PFMOAA		Perfluoro- 2-methoxyacetic acid		674-13-5	46.0	79.6	78.8	68.0	71.1	63.6	65.8	42.5
PMPA	PFMOPrA	Perfluoro-2-methoxypropanoic acid	Perfluoro-3-methoxypropanoic acid	13140-29-9 377-73-1	14.2	28.9	25.4	22.3	23.3	21.5	20.6	11.6
PFO2HxA		Perfluoro(3,5-dioxahexanoic) acid		39492-88-1	43.8	68.4	68.2	64.8	60.5	55.5	61.3	39.4
PEPA	PFMObA	2,3,3,3-Tetrafluoro-2-(pentafluoroethoxy)propanoic acid	Perfluoro-4-methoxybutanoic acid	267239-61-2 863090-89-5	6.64	11.6	12.3	10.7	11.0	10.7	11.5	6.17
PFO3OA		Perfluoro(3,5,7-trioxaoctanoic) acid		39492-89-2	12.0	19.3	20.2	18.3	18.7	16.7	21.0	10.7
PFO4DA		Perfluoro(3,5,7,9-tetraoxadecanoic) acid		39492-90-5	3.10	3.64	4.62	4.86	4.02	4.37	3.97	2.68
PFESA-BP1 / Nafion BP #1		Nafion Byproduct 1		66796-30-3; 29311-67-9	ND	ND	ND	ND	ND	ND	ND	ND
PFESA-BP2 / Nafion BP #2		Nafion Byproduct 2		749836-20-2	ND	1.91	2.48	2.24	2.32	1.90	2.25	ND
PFECA-G		Hexanoic acid, 2,2,3,3,4,4,5,5,6,6-decafluoro-6-(trifluoromethoxy)-; Butanoic acid, 2,2,3,3,4,4-hexafluoro-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]-		174767-10-3; 801212-59-9	ND	ND	ND	ND	ND	ND	ND	ND
TAFN4 / PFO5DA		Perfluoro(3,5,7,9,11-pentadodecanoic) acid		39492-91-6	ND	ND	ND	1.55	ND	ND	ND	ND
PFHpA		Perfluoroheptanoic acid		375-85-9	9.55	20.2	22.6	19.5	18.1	18.9	19.6	9.63
HFPO-DA / PFPrOPrA / "GenX"		2,3,3,3-Tetrafluoro-2 (1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid		13252-13-6	18.8	35.6	40.6	36.8	34.5	34.9	39.8	16.7
Attacher					154	269	275	249	244	228	246	139

Notes/Comments:

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999 = Sample result for combination of PFAS above 70 ng/L limit in Consent Order (Para. 20.b)

CASN = Chemical abstracts service registry number

ng/L = Nanograms per liter (a.k.a. parts per trillion or ppt)

ND = Not detected

PFAS = Per- and polyfluoroalkyl substances

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Wtr. Source - Municipal = Municipal water provider.

County - Bruns = Brunswick, Col. = Columbus, New Hand = New Handover, and Pend = Pender.



Table A-1. Summary of PFAS Detected in Water Heater and Tap Water Sampling near Wilmin

units = ng/L

Common Name		Chemical Name		CASN		R		R		S		S	
						JAYB	JAYB	JAYB	JAYB	LAUR	LAUR	LAUR	LAUR
						Tap-F/Dup_1 Municipal Wilmington New Han. 8/28/19	Tap-S Municipal Wilmington New Han. 8/28/19	Heat-B Municipal Wilmington New Han. 8/28/19	Heat-T Municipal Wilmington New Han. 8/28/19	Tap-F Municipal Wilmington New Han. 8/27/19	Tap-S Municipal Wilmington New Han. 8/27/19	Heat-B Municipal Wilmington New Han. 8/27/19	Heat-T Municipal Wilmington New Han. 8/27/19
Detected PFAS listed in Attachment C of 2/25/19 Consent Order													
PFMOAA		Perfluoro- 2-methoxyacetic acid		674-13-5		45.7	47.1	28.8	44.2	35.8	43.7	ND	46.9
PMPA	PFMOPrA	Perfluoro-2-methoxypropanoic acid	Perfluoro-3-methoxypropanoic acid	13140-29-9	377-73-1	13.1	12.5	7.61	12.9	15.7	13.7	ND	13.5
PFO2HxA		Perfluoro(3,5-dioxahexanoic) acid		39492-88-1		42.2	43.4	23.1	37.8	34.4	39.1	ND	41.6
PEPA	PFMObA	2,3,3,3-Tetrafluoro-2-(pentafluoroethoxy)propanoic acid	Perfluoro-4-methoxybutanoic acid	267239-61-2	863090-89-5	5.93	5.69	2.99	5.70	4.72	6.24	ND	4.77
PFO3OA		Perfluoro(3,5,7-trioxaoctanoic) acid		39492-89-2		12.8	10.7	6.64	10.2	6.68	12.1	ND	9.22
PFO4DA		Perfluoro(3,5,7,9-tetraoxadecanoic) acid		39492-90-5		2.08	3.13	1.59	2.54	2.63	3.19	ND	2.31
PFESA-BP1 / Nafion BP #1		Nafion Byproduct 1		66796-30-3; 29311-67-9		ND	ND	ND	ND	ND	ND	ND	ND
PFESA-BP2 / Nafion BP #2		Nafion Byproduct 2		749836-20-2		ND	ND	ND	ND	ND	ND	ND	ND
PFECA-G		Hexanoic acid, 2,2,3,3,4,4,5,5,6,6-decafluoro-6-(trifluoromethoxy)-; Butanoic acid, 2,2,3,3,4,4-hexafluoro-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]-		174767-10-3; 801212-59-9		ND	ND	ND	ND	ND	ND	ND	ND
TAFN4 / PFO5DA		Perfluoro(3,5,7,9,11-pentadodecanoic) acid		39492-91-6		ND	ND	ND	ND	ND	ND	ND	ND
PFHpA		Perfluoroheptanoic acid		375-85-9		9.82	8.63	6.33	7.98	8.70	9.76	ND	9.98
HFPO-DA / PFPrOPrA / "GenX"		2,3,3,3-Tetrafluoro-2 (1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid		13252-13-6		16.8	18.8	12.3	16.2	20.0	19.2	ND	17.7
Attached						148	150	89	138	129	147	-	146

Notes/Comments:

999 = Sample result for single PFAS above 10 ng/L limit in Consent Order (Para. 20.a)

999 = Sample result for combination of PFAS above 70 ng/L limit in Consent Order (Para. 20.b)

CASN = Chemical abstracts service registry number

ng/L = Nanograms per liter (a.k.a. parts per trillion or ppt)

ND = Not detected

PFAS = Per- and polyfluoroalkyl substances

Samples collected in June 2018 and March 2019 tested consistent with U.S. Environmental Protection Agency (USEPA) Method 537.1. All tests completed by GEL Laboratory.

Locations - Dup = Blind duplicate, Heat-B = Bottom of water heater sample, Heat-T = Top of water heater sample, O.S. = Outside tap, Out-S = Follow-up outside tap water sample, Tap-F = First-flush sample from tap, and Tap-S = Follow-up tap water sample.

Wtr. Source - Municipal = Municipal water provider.

County - Bruns = Brunswick, Col. = Columbus, New Hand = New Handover, and Pend = Pender.

Table A-1. Summary of PFAS Detected in Water Heater and Tap Water Sampling near Wilmin

units = ng/L

Common Name		Chemical Name		CASN		T	T	T	T	U	U	U	U
						LULL	LULL	LULL	LULL	MASO	MASO	MASO	MASO
						Tap-F	Tap-S	Heat-B	Heat-T	Tap-F	Tap-S	Heat-B	Heat-T
						Municipal	Municipal	Municipal	Municipal	Municipal	Municipal	Municipal	Municipal
						Wilmington	Wilmington	Wilmington	Wilmington	Wilmington	Wilmington	Wilmington	Wilmington
						New Han.	New Han.	New Han.	New Han.	New Han.	New Han.	New Han.	New Han.
						10/24/19	10/24/19	10/24/19	10/24/19	10/25/19	10/25/19	10/25/19	10/25/19
Detected PFAS listed in Attachment C of 2/25/19 Consent Order													
PFMOAA		Perfluoro- 2-methoxyacetic acid		674-13-5		70.9	63.9	54.4	59.6	73.5	63.3	67.8	72.5
PMPA	PFMOPrA	Perfluoro-2-methoxypropanoic acid	Perfluoro-3-methoxypropanoic acid	13140-29-9	377-73-1	23.0	20.5	25.7	29.7	37.7	34.3	34.9	38.3
PFO2HxA		Perfluoro(3,5-dioxahexanoic) acid		39492-88-1		66.6	55.4	49.8	62.7	68.1	66.1	69.1	74.3
PEPA	PFMObA	2,3,3,3-Tetrafluoro-2-(pentafluoroethoxy)propanoic acid	Perfluoro-4-methoxybutanoic acid	267239-61-2	863090-89-5	12.7	10.1	9.30	9.67	12.7	11.1	11.8	12.8
PFO3OA		Perfluoro(3,5,7-trioxaoctanoic) acid		39492-89-2		20.8	17.3	17.4	17.4	20.7	20.0	19.7	24.2
PFO4DA		Perfluoro(3,5,7,9-tetraoxadecanoic) acid		39492-90-5		5.62	3.85	3.4	3.21	3.87	4.53	4.35	4.45
PFESA-BP1 / Nafion BP #1		Nafion Byproduct 1		66796-30-3; 29311-67-9		ND	ND	ND	ND	ND	ND	ND	ND
PFESA-BP2 / Nafion BP #2		Nafion Byproduct 2		749836-20-2		2.3	2.11	1.48	1.71	2.15	1.86	2.10	2.10
PFECA-G		Hexanoic acid, 2,2,3,3,4,4,5,5,6,6-decafluoro-6-(trifluoromethoxy)-; Butanoic acid, 2,2,3,3,4,4-hexafluoro-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]-		174767-10-3; 801212-59-9		ND	ND	ND	ND	ND	ND	ND	ND
TAFN4 / PFO5DA		Perfluoro(3,5,7,9,11-pentadodecanoic) acid		39492-91-6		ND	1.24	ND	1.63	ND	1.41	1.67	ND
PFHpA		Perfluoroheptanoic acid		375-85-9		17.7	19.4	15.5	17.7	18.4	17.9	20.1	21.2
HFPO-DA / PFPrOPrA / "GenX"		2,3,3,3-Tetrafluoro-2 (1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid		13252-13-6		44.2	35.7	27.8	29.7	32.4	30.1	31.7	34.5
Attacher						264	230	205	233	270	251	263	284

Notes/Comments:

999 = Sample result for single PFAS above 10 ng/L limit in Consent Order (Para. 20.a)

999 = Sample result for combination of PFAS above 70 ng/L limit in Consent Order (Para. 20.b)

CASN = Chemical abstracts service registry number

ng/L = Nanograms per liter (a.k.a. parts per trillion or ppt)

ND = Not detected

PFAS = Per- and polyfluoroalkyl substances

Samples collected in June 2018 and March 2019 tested consistent with U.S. Environmental Protection Agency (USEPA) Method 537.1. All tests completed by GEL Laboratory

Locations - Dup = Blind duplicate, Heat-B = Bottom of water heater sample, Heat-T = Top of water heater sample, O.S. = Outside tap, Out-S = Follow-up outside tap water sample, Tap-F = First-flush sample from tap, and Tap-S = Follow-up tap water

Wtr. Source - Municipal = Municipal water provider.

County - Bruns = Brunswick, Col. = Columbus, New Hand = New Handover, and Pend = Pender.

Table A-1. Summary of PFAS Detected in Water Heater and Tap Water Sampling near Wilmin

units = ng/L

Common Name		Chemical Name		CASN		V	V	V	V	W	W	W	W
						ONEI	ONEI	ONEI	ONEI	OYST	OYST	OYST	OYST
						Tap-F	Tap-S	Heat-B	Heat-T	Tap-F	Tap-S	Heat-B	Heat-T
						Municipal	Municipal	Municipal	Municipal	Municipal	Municipal	Municipal	Municipal
						New Han.	New Han.	New Han.	New Han.	New Han.	New Han.	New Han.	New Han.
						8/27/19	8/27/19	8/27/19	8/27/19	10/25/19	10/25/19	10/25/19	10/25/19
Detected PFAS listed in Attachment C of 2/25/19 Consent Order													
PFMOAA		Perfluoro- 2-methoxyacetic acid		674-13-5		38.9	43.4	51.3	46.4	56.3	59.3	64.5	72.5
PMPA	PFMOPrA	Perfluoro-2-methoxypropanoic acid	Perfluoro-3-methoxypropanoic acid	13140-29-9	377-73-1	22.0	12.8	14.4	13.7	32.0	33.0	31.3	34.3
PFO2HxA		Perfluoro(3,5-dioxahexanoic) acid		39492-88-1		33.4	43.1	40.1	41.0	58.9	59.3	69.1	67.6
PEPA	PFMObA	2,3,3,3-Tetrafluoro-2-(pentafluoroethoxy)propanoic acid	Perfluoro-4-methoxybutanoic acid	267239-61-2	863090-89-5	8.18	4.08	4.67	4.11	10.4	10.4	10.5	10.4
PFO3OA		Perfluoro(3,5,7-trioxaoctanoic) acid		39492-89-2		6.5	12.2	10.4	11.2	17.3	16.5	18.2	17.6
PFO4DA		Perfluoro(3,5,7,9-tetraoxadecanoic) acid		39492-90-5		2.09	3.21	2.9	2.32	4.29	4.47	4.46	4.29
PFESA-BP1 / Nafion BP #1		Nafion Byproduct 1		66796-30-3; 29311-67-9		ND	ND	ND	ND	ND	ND	ND	ND
PFESA-BP2 / Nafion BP #2		Nafion Byproduct 2		749836-20-2		ND	1.22	ND	ND	1.87	1.88	1.75	2.07
PFECA-G		Hexanoic acid, 2,2,3,3,4,4,5,5,6,6-decafluoro-6-(trifluoromethoxy)-; Butanoic acid, 2,2,3,3,4,4-hexafluoro-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]-		174767-10-3; 801212-59-9		ND	ND	ND	ND	ND	ND	ND	ND
TAFN4 / PFO5DA		Perfluoro(3,5,7,9,11-pentadodecanoic) acid		39492-91-6		ND	ND	ND	ND	ND	ND	1.44	ND
PFHpA		Perfluoroheptanoic acid		375-85-9		5.71	10.2	10.6	9.93	16.7	18.4	18.6	20.5
HFPO-DA / PFPrOPrA / "GenX"		2,3,3,3-Tetrafluoro-2 (1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid		13252-13-6		18.7	18.3	21.1	16.4	28.4	29.1	29.9	35.0
Attacher						135	149	155	145	226	232	250	264

Notes/Comments:

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999 = Sample result for combination of PFAS above 70 ng/L limit in Consent Order (Para. 20.b)

CASN = Chemical abstracts service registry number

ng/L = Nanograms per liter (a.k.a. parts per trillion or ppt)

ND = Not detected

PFAS = Per- and polyfluoroalkyl substances

Samples collected in June 2018 and March 2019 tested consistent with U.S. Environmental Protection Agency (USEPA) Method 537.1. All tests completed by GEL Laboratory

Locations - Dup = Blind duplicate, Heat-B = Bottom of water heater sample, Heat-T = Top of water heater sample, O.S. = Outside tap, Out-S = Follow-up outside tap water sample, Tap-F = First-flush sample from tap, and Tap-S = Follow-up tap water

Wtr. Source - Municipal = Municipal water provider.

County - Bruns = Brunswick, Col. = Columbus, New Hand = New Handover, and Pend = Pender.

Table A-1. Summary of PFAS Detected in Water Heater and Tap Water Sampling near Wilmin

units = ng/L

Common Name		Chemical Name		CASN	X	X	X	X	X	Y	Y	Z
					RAND	RAND	RAND	RAND	RAND	TREE	TREE	WIND
					Tap-F Municipal Wilmington New Han. 10/24/19	Tap-S Municipal Wilmington New Han. 10/24/19	Tap-S/DUP_1 Municipal Wilmington New Han. 10/24/19	Heat-B Municipal Wilmington New Han. 10/24/19	Heat-T Municipal Wilmington New Han. 10/24/19	Tap-F Municipal Wilmington New Han. 10/25/19	Tap-S Municipal Wilmington New Han. 10/25/19	Heat-B.a Municipal Wilmington New Han. 3/13/19
Detected PFAS listed in Attachment C of 2/25/19 Consent Order												
PFMOAA		Perfluoro- 2-methoxyacetic acid		674-13-5	67.9	60.3	62.7	74.0	72.0	48.0	60.9	21.7
PMPA	PFMOPrA	Perfluoro-2-methoxypropanoic acid	Perfluoro-3-methoxypropanoic acid	13140-29-9 377-73-1	22.4	18.6	18.9	21.9	24.3	29.6	32.7	5.01
PFO2HxA		Perfluoro(3,5-dioxahexanoic) acid		39492-88-1	62.5	55.2	60.5	64.4	62.4	47.4	60.9	6.62
PEPA	PFMObA	2,3,3,3-Tetrafluoro-2-(pentafluoroethoxy)propanoic acid	Perfluoro-4-methoxybutanoic acid	267239-61-2 863090-89-5	11.3	11.0	11.1	12.5	11.0	6.74	11.7	2.74
PFO3OA		Perfluoro(3,5,7-trioxaoctanoic) acid		39492-89-2	18.4	16.5	17.4	19.2	16.7	13.5	22.4	12.5
PFO4DA		Perfluoro(3,5,7,9-tetraoxadecanoic) acid		39492-90-5	4.6	3.74	4.63	3.69	4.3	3.16	4.84	4.74
PFESA-BP1 / Nafion BP #1		Nafion Byproduct 1		66796-30-3; 29311-67-9	ND	ND	ND	ND	ND	ND	ND	ND
PFESA-BP2 / Nafion BP #2		Nafion Byproduct 2		749836-20-2	2.25	1.89	2.12	2.16	2.49	ND	1.84	ND
PFECA-G		Hexanoic acid, 2,2,3,3,4,4,5,5,6,6-decafluoro-6-(trifluoromethoxy)-; Butanoic acid, 2,2,3,3,4,4-hexafluoro-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]-		174767-10-3; 801212-59-9	ND	ND	ND	ND	ND	ND	ND	ND
TAFN4 / PFO5DA		Perfluoro(3,5,7,9,11-pentadodecanoic) acid		39492-91-6	1.25	ND	ND	1.47	ND	ND	ND	ND
PFHpA		Perfluoroheptanoic acid		375-85-9	21.2	21.0	20.8	19.5	19.0	12.7	18.9	2.43
HFPO-DA / PFPrOPrA / "GenX"		2,3,3,3-Tetrafluoro-2 (1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid		13252-13-6	38.4	36.5	39.8	40.8	40.5	26.7	31.2	5.05
Attacher					250	225	238	260	253	188	245	61

Notes/Comments:

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Wtr. Source - Municipal = Municipal water provider.

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Table A-1. Summary of PFAS Detected in Water Heater and Tap Water Sampling near Wilmin

units = ng/L

			Z	Z	Z	Z	AA	AA	AA	AA			
			WIND	WIND	WIND	WIND	LIBE	LIBE	LIBE	LIBE			
			Heat-B.b Municipal Wilmington New. Han. 3/13/19	Heat-B.c Municipal Wilmington New. Han. 3/13/19	Heat-T.e Municipal Wilmington New. Han. 3/13/19	Heat-T.f Municipal Wilmington New. Han. 3/13/19	Tap-F Municipal Winnabow Bruns. 8/27/19	Tap-S Municipal Winnabow Bruns. 8/27/19	Heat-B Municipal Winnabow Bruns. 8/27/19	Heat-T Municipal Winnabow Bruns. 8/27/19			
Common Name	Chemical Name		CASN										
Detected PFAS listed in Attachment C of 2/25/19 Consent Order													
PFMOAA	Perfluoro- 2-methoxyacetic acid		674-13-5	21.9	20.7	18.2	19.3	42.4	37.5	42.5	36.6		
PMPA	PFMOPrA	Perfluoro-2-methoxypropanoic acid	Perfluoro-3-methoxypropanoic acid	13140-29-9	377-73-1	7.15	7.36	7.27	8.46	11.5	9.84	9.38	10.1
PFO2HxA	Perfluoro(3,5-dioxahexanoic) acid		39492-88-1	4.87	3.69	3.03	2.52	34.0	30.6	34.6	30.8		
PEPA	PFMObA	2,3,3,3-Tetrafluoro-2-(pentafluoroethoxy)propanoic acid	Perfluoro-4-methoxybutanoic acid	267239-61-2	863090-89-5	2.77	2.71	2.05	2.43	7.29	5.84	7.12	5.91
PFO3OA	Perfluoro(3,5,7-trioxaoctanoic) acid		39492-89-2	12.0	11.3	10.2	9.83	11.2	10.6	10.3	10.8		
PFO4DA	Perfluoro(3,5,7,9-tetraoxadecanoic) acid		39492-90-5	4.94	5.03	3.32	3.41	4.91	4.19	4.26	4.68		
PFESA-BP1 / Nafion BP #1	Nafion Byproduct 1		66796-30-3; 29311-67-9	ND	ND	ND	ND	ND	ND	ND	ND		
PFESA-BP2 / Nafion BP #2	Nafion Byproduct 2		749836-20-2	ND	ND	ND	ND	2.66	2.58	2.34	2.48		
PFECA-G	Hexanoic acid, 2,2,3,3,4,4,5,5,6,6-decafluoro-6-(trifluoromethoxy)-; Butanoic acid, 2,2,3,3,4,4-hexafluoro-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]-		174767-10-3; 801212-59-9	ND	ND	ND	ND	ND	ND	ND	ND		
TAFN4 / PFO5DA	Perfluoro(3,5,7,9,11-pentadodecanoic) acid		39492-91-6	ND	ND	ND	ND	1.81	2.00	ND	1.86		
PFHpA	Perfluoroheptanoic acid		375-85-9	1.95	1.68	1.51	1.31	24.8	24.9	27.2	26.3		
HFPO-DA / PFPrOPrA / "GenX"	2,3,3,3-Tetrafluoro-2 (1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid		13252-13-6	4.74	5.01	5.50	5.21	27.7	25.1	25.0	25.2		
			Attache	60	57	51	52	168	153	163	155		

Notes/Comments:

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County - Bruns = Brunswick, Col. = Columbus, New Hand = New Handover, and Pend = Pender.



From: [Mihaela Henderson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Non-concurrence with Corrective Action Plan
Date: Monday, April 6, 2020 7:07:31 PM
Attachments: [Corrective Action Plan_MH.pdf](#)

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Hello,

Please find attached my comments of non-concurrence with Chemours' proposed groundwater corrective action plan.

Mihaela Henderson

April 6, 2020

Re: Chemours Corrective Action Plan

Dear NC DEQ,

I am a resident of Gray's Creek and live in a household recently determined to be affected by PFAS contamination. I DO NOT CONCUR with the Corrective Action Plan. Additionally, for the record, I ALSO DO NOT CONCUR with the 2018 Consent Order NC DEQ entered allegedly on my behalf, without my knowledge or consent, and which grossly overlooks my interests and those of other people directly affected by PFAS contamination.

I request that:

1. Instead of hiding behind claims that off-site groundwater remedying is economically and technologically infeasible, Chemours should provide permanent home solutions in the form of municipal water connection or upgraded whole house water treatment systems. As a victim of Chemours contamination and NC deregulation, I do not think I should carry the burden of *limited* water supply and logistical hassle associated with the 3 under-the-sink RO systems. That Chemours can shirk its responsibility to Gray's Creek residents with 3 RO systems and disingenuous excuses that a \$90k municipal water connection is cost prohibitive over a \$70k connection is unacceptable. Cumberland County and, basically, Cumberland County residents, should not be saddled with the cost of running water lines to Gray's Creek. Nor should the people affected have to wait their turn for years as the county may scramble to find money and complete connections in phases. **As an "affected party" per 15A NCAC 02L .0202(c) and § 143-215.2A (Relief for contaminated private drinking water wells), I demand that the Secretary of NC DEQ and the Governor of the State of North Carolina direct Chemours to provide a permanent solution for all wells found to be contaminated in exceedance of the NC groundwater standards based on the admission that Chemours has no plan for remediation of contaminated properties.**
2. NC DEQ respect and enforce NC Groundwater Quality Standards. 15A NCAC 02L .0202(b.1.) states that "Where the standard for a substance is less than the practical quantitation limit, the detection of that substance at or above the practical quantitation limit constitutes a violation of the standard." Yet NC DEQ's actions suggest at times that these standards are mere suggestions. Companies like Chemours show complete disregard for the law and public health. Please take actions that enforce groundwater quality standards and promote compliance.
3. Chemours make all efforts to remedy on-site contamination and attain the maximum reduction in onsite groundwater PFAS contamination that is achievable.

4. Chemours reduce PFAS contamination of Cape Fear River in the shortest time possible. Four to five or longer years is not acceptable.
5. Chemours test for all PFAS chemical compounds that can be detected/tested and that were produced, either directly or indirectly, on site. There seems to be an inconsistency in current testing with NC DEQ and Chemours testing some compounds in Attachment C of the Consent Order but not all. Testing should consider all the compounds that are either manufactured or by-products of Chemours activities and that currently can be detected by lab tests.

In my opinion, the goal of the proposed Corrective Action Plan is to make things right for Chemours not the people affected by its PFAS contamination. Charging an offender with the task of crafting a plan that remedies the offense can hardly be a sound plan. As a taxpayer, I expect NC DEQ to do its job, develop and maintain expertise, and protect and safeguard the environment and, implicitly, the well-being of NC residents. While I realize NC DEQ is vastly underfunded and understaffed, I urge NC DEQ staff to carefully consider the implications oversights may have for those directly affected by Chemours' history of deception and PFAS contamination. Along with all other individuals struggling with PFAS contamination, I rely on NC DEQ to seek and promote remediation solutions that serve the interests of the people and not of the contaminators. Please fulfill the responsibilities associated with your office and request a Corrective Action Plan that benefits the victims not the villain.

Thank you,

Mihaela Henderson
2911 Chicken Foot Rd
Hope Mills NC 28348

From: [Martin, Sharon L.](#)
To: [SVC_DENR.publiccomments](#)
Subject: FW: [External] Fwd: Clean Cape Fear's response to Chemours Corrective Action Plan
Date: Monday, April 6, 2020 5:08:08 PM
Attachments: [Chemours CAP Clean Cape Fear comments .pdf](#)

From: Emily Donovan <esdonovan@gmail.com>
Sent: Monday, April 6, 2020 3:36 PM
To: Holman, Sheila <sheila.holman@ncdenr.gov>
Subject: [External] Fwd: Clean Cape Fear's response to Chemours Corrective Action Plan

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Dear Ms. Holman,

Please find attached the official response from Clean Cape Fear regarding Chemours' Corrective Action Plan.

Due to the global pandemic of COVID-19, our ability to participate in three public hearings regarding this corrective action plan was lost when they were all canceled. Unless DEQ is fully committed to following the advice and comments submitted by Clean Cape Fear, SELC and CFPUA, we cannot support any actions being taken until the public has been given their right to access public hearings, fully learn from experts what's at stake with this next phase of the consent order, and be given a chance to self-advocate for their own families.

We appreciate the ability to be allowed to submit this public comment. We request an opportunity to be heard in person at public hearings and for the scientists involved in the ongoing research process to be heard as well. We support the recommendations made by SELC and CFPUA and believe that the proposed corrective action plan should not be approved in its current form.

With gratitude,

Emily Donovan

Co-Founder

Clean Cape Fear

FB/Twitter: [@CleanCapeFear](#)

www.cleancapefear.org [cleancapefear.org]

704.491.6635 | cell

"Above all, maintain constant love for one another, for love covers a multitude of sins." 1 Peter 4:8

April 6, 2020

Dear Ms. Holman:

Please consider this the comment by our group, Clean Cape Fear¹, on the proposed Chemours Corrective Action Plan.

Chemours and DuPont were allowed, for decades, to commit a crime of epic proportions in North Carolina. They knowingly subjected over a quarter of a million residents to large quantities of unnatural, human-made synthetic PFAS chemicals which ended up in our drinking water. A study published in October 2019 by Dr. Detlef Knappe's lab estimates that approximately 130,000 ppt of total PFAS were detected in the Cape Fear River near the intake pipes for our public water systems². This water system provides drinking water for nearly 300,000 residents living in Brunswick, Pender, and New Hanover counties³.

Chemours knowingly admits that PFAS chemical discharges into our primary source of drinking water occurred since their Fayetteville Works facility began fluorochemical operations in North Carolina in 1980. We gave this water to our children--to our babies. We drank this water ourselves. Pregnant women drank this water, cancer patients, immunocompromised residents, the elderly--all drank this water, consumed it with food and otherwise used it. Doctors and dentists unknowingly encouraged us to drink more of this water--assured us it was safe and healthy for our bodies and our families.

We trusted our local government. We trusted our state regulators. We trusted our federal laws. We trusted each of these entities were doing their jobs to uphold existing laws and protect us from irresponsible corporations. That public trust was broken in June 2017 when we learned DuPont and Chemours failed to follow existing laws and put our lives, our environment and the peace of mind of our communities in harm's way.

Not only did DuPont, and later Chemours, fail to follow existing state and federal laws, but they also failed to proactively stop PFAS discharges at their Fayetteville, NC facility while under intense legal scrutiny in Parkersburg, WV at their Washington Works location. DuPont knew as early as 20 years ago about technologies like the thermal oxidizer, which existed and worked.

¹ <https://www.cleancapefear.org/>

² <https://pubs.acs.org/doi/abs/10.1021/acs.estlett.9b00525>

³ <https://www.lcfwasa.org/>

They knew because they installed similar air abatement technology at their Washington Works facility between 2000 - 2001--yet failed to do the same for their Fayetteville Works facility until Chemours was legally forced to by the state of North Carolina in 2018⁴.

This current corrective action plan falls way too short considering the proportion of harm committed by DuPont and Chemours. It fails to address interim solutions and interventions for the existing and on-going exposure of PFAS chemicals for downstream surface water users. Since the initial February 2019 consent order was signed, it has been revealed the groundwater contamination beneath Chemours' Fayetteville Works facility is so severely contaminated this seepage into the Cape Fear River is causing chronically high levels of PFAS detected in finished tap water for downstream users. A January 2020 Environmental Working Group report revealed Brunswick County residents were drinking some of the highest levels of PFAS chemicals in their finished tap water than any other location tested in this nationwide study.⁵

Under the current consent order, Chemours is legally required to provide interim water immediately, and a permanent solution within 6 months, for any groundwater well contaminated with 70 ppt of total PFAS or 10 ppt of any individual PFAS listed in Attachment C. These protections are not being afforded to surface water users and it is creating an inequity between surface water and groundwater users. Residents, regardless of where their water is sourced, should be able to turn on their faucets and trust the water they use--water they pay for—not to have any PFAS chemicals in it. Chemours must begin providing immediate interim water for all downstream communities who rely on the chronically contaminated Cape Fear River as their primary source of drinking water. This is our river. It belongs to the public. The state of North Carolina let DuPont and Chemours borrow it for their manufacturing processes. Chemours and DuPont failed to follow the rules and return the river water they borrowed to the same or better quality it was given to them. That's their problem. Not ours. We should not be forced to pay for water we don't feel safe using. We should not be forced to send our children to school with bottled water because they are afraid to drink from the water fountains at the school. Both Chemours and DuPont are multi-billion dollar companies with annual revenues well capable of funding the necessary and on-going clean-ups we need and deserve to feel whole and maintain peace of mind.

Chemours should be held accountable to PFAS chemical groundwater clean-up standards at PQL (Practical Quantitative Levels) which is the law and established for a reason. These safeguards

4

<https://www.northcarolinahealthnews.org/2018/10/08/regulators-prepare-crackdown-dupont-chemours-ge-nx/>

5 <https://www.ewg.org/research/national-pfas-testing/>

are in place to protect us from exposures to human-made chemicals which have not been fully researched for their toxicological effects. It should not be the burden of North Carolina residents to determine if any PFAS chemicals are safe for consumption after we've been chronically exposed to them.

We also feel the corrective action plan should include toxicological studies for PFAS chemicals already detected in human blood of Wilmington residents who participated in the NC State GenX Exposure Study⁶ as well as a few other compounds. These toxicological studies should determine the effects of mixtures and cumulative effects because residents were not exposed to one isolated PFAS chemical. We were chronically exposed to a "cocktail" of Chemours and DuPont's chemical waste. Hydro-Eve, NVHOS, PFO3OA, PFO4DA, and PFO5DoDA should be added to the list of PFAS chemicals required for toxicological study by the February 2019 consent order. Since the Consent Order was filed, numerous scientific studies have continued to come out throughout the world exposing the health and environmental dangers of these chemicals. Yet in its proposed corrective action plan, Chemours would blithely assure the State that the chemicals are safe. What needs to happen is for Chemours to be forced to pay for the needed science to be done, by scientists like Dr. DeWitt, Dr. Stapleton, and other leading, independent, PFAS toxicologists and epidemiologists, at Chemours' expense - not the public's expense - so we can all learn the full extent of the problem. The data generated from these studies should be publicly available and easily accessible.

Under the current consent order, Chemours is performing ecotoxicology studies for a limited number of PFAS that were emitted into the Cape Fear River. However, under the current action plan, it is unclear how Chemours will face consequences for the harming of our wildlife. Should their ecotoxicology studies reveal harmful effects, what is the plan for remedying these effects on our wildlife? A recent study from NC State University⁷ has shown that Striped Bass in the Cape Fear River had elevated levels of total PFAS in their serum when compared to a reference population, including PFOS, GenX, Nafion byproduct 2, among others. This study also showed that these fish had elevated markers of kidney and liver damage and displayed altered immune function. Chemours has not only poisoned our coworkers, neighbors, and loved ones; they have also poisoned the animals that depend on the Cape Fear River. This also begs the question of how consumption of fish from the Cape Fear River impacts exposure. It is widely established that PFAS bioaccumulate, so how does the impact on our wildlife in turn impact the health of those who consume the fish? This is just one of many questions raised by the Corrective Action Plan that should be addressed by NC DEQ immediately. In an abundance of caution, fish advisories should be put in place if they do not already exist. Chemours should also be forced to

⁶ <https://chhe.research.ncsu.edu/the-genx-exposure-study/>

⁷ <https://www.sciencedirect.com/science/article/pii/S0160412019334762>

pay for the repopulation of certain fish and other wildlife populations in the Cape Fear River basin should it be determined their PFAS chemical waste caused reproductive harm.

The recent COVID-19 outbreak shows what happens when risks to human health are not understood and controlled but instead are allowed to permeate the environment. Here, neither DuPont nor Chemours did the necessary science or took the necessary steps to prevent the dangers of PFAS in our communities. The lessons we are even now learning from the pandemic tell us that the last thing we should do is let Chemours off the hook.

Lastly, due to the global pandemic of COVID-19, our ability to participate in three public hearings regarding this corrective action plan was lost when they were all canceled. Unless DEQ is fully committed to following the advice and comments submitted by Clean Cape Fear, SELC and CFPUA, we cannot support any actions being taken until the public has been given their right to access public hearings, fully learn from experts what's at stake with this next phase of the consent order, and be given a chance to self-advocate for their own families.

We appreciate the ability to be allowed to submit this public comment. We request an opportunity to be heard in person at public hearings and for the scientists involved in the ongoing research process to be heard as well. We support the recommendations made by SELC and CFPUA and believe that the proposed corrective action plan should not be approved in its current form.

With gratitude,

Emily Donovan
Co-Founder of Clean Cape Fear

From: gostby.nc@gmail.com
To: [SVC_DENR_publiccomments](#)
Subject: [External] FW: Chemours Corrective Action Plan
Date: Monday, April 6, 2020 5:04:10 PM

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Hello,

The definition of what chemicals should be allowed is very simple: ONLY chemicals that break down in the human or animal digestive tracts should be allowed. These digestive systems have been defined for millions of years. They are very simple chemical processes. If a chemical substance that is ingested cannot be broken down by the digestive process, it gets lost in the digestive tract, gets stored somewhere in the body, and ultimately creates some type of health issue, depending on the toxicity of the chemical substance and where it is stored. It is not magic, it is basic chemistry 101.

There is no reason that the cost of the cleanup of the chemical discharges from Chemours should be paid by anyone other than Chemours. This was in fact a chemical spill, and should be treated no differently than any other chemical spill.

DEQ must have the health and safety of the citizens of NC as their first priority. From that perspective, your decisions should be very simple.

Gary

Gary Ostby
1156 Leesburg Drive
Leland, NC 28451
910-371-3966

From: [Hope Taylor](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan--Clean Water for NC
Date: Monday, April 6, 2020 5:01:02 PM

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April 6, 2020

Submitted by electronic mail to publiccomments@ncdenr.gov

Comments of Clean Water for North Carolina on Corrective Action Plan to Chemours, Fayetteville Works

Clean Water for North Carolina previously commented on the draft Consent Order proposed for control of air emissions of PFAS compounds by Chemours Fayetteville Works, stating that project control of a certain percentage of air emissions of these compounds was inadequate to protect drinking water and public health, and stating that operations to produce PFAS compounds at Chemours should be completely stopped. First DuPont, and now Chemours have shown themselves to be as slippery in their approaches to accountably reducing their impacts on air and water emissions and human health as the compounds they have been producing. Both entities have taken advantages of regulatory loopholes of several types to avoid being held accountable. Just as cities and states throughout the country are regretting the failure to attend to warnings about the impact of a novel virus on our nation's health, health systems and to maintain critical protective equipment, North Carolina's ecosystems and public health may well suffer deeply for failure to take truly protective measures and hold major polluters, such as Dupont and Chemours, accountable for the consequences of their highly profitable production, grossly inadequate controls of air and water emissions of uncharacterized and inadequately studied compounds that should never have been permitted to be released to the environment in any amount.

- 1) The CAP plan is inadequate to achieve significant reductions to ground and surface water in timely manner to assure safety of drinking water supplies. Moreover, the fact that this class of compounds undergoes almost no degradation in the environment should mandate the cessation of their production. Even if emissions are significantly reduced, they will continue to accumulate in the environment, presenting a long term risk of remobilizing in the environment with continued exposure of human and non-human receptors. There is no amount of convenience of stain resistance or non stick attributes that can justify allowing the continued accumulation of these substances in the environment.
- 2) The CAP fails to even specify the base time period for most of the anticipated percent reductions in releases to air or water, a shameless invitation to failed accountability for any consent order.
- 3) In the Performance Monitoring plan, there is no provision for split sampling between the company and the DEQ, much less between DEQ and parties providing water

services to the public, such as CFPUA. This should be a minimal requirement for independence in monitoring conditions of source water.

- 4) As the species of PFAS included in various health assessments are inconsistent and the assumptions applied to exposure scenarios are not conservative, the statement that health impacts of given concentrations will be insignificant must be challenged.
- 5) The justification of proposed remedies to on-site sources of contamination is not presented rationally and, given the unsubstantiated models presented, the public has no assurance that those proposed remedies will in fact capture and remove sources of long term contamination to the Cape Fear River and groundwater.
- 6) We are particularly concerned about the impact of Chemours and Kuraray operations on regional groundwater as a source of groundwater for most rural residents in the area. The fact that the cost of remediation of groundwater, as compared to the cost of water filtration systems, is considered to rise into the billions give some indication of the value of the groundwater that these industries have so massively contaminated. Rather than simply allowing the responsible party to provide whole house filtration systems, while continuing to deepen the damage to NC's groundwater should be considered criminal behavior and never tolerated.

Yours truly,

Hope Taylor, MSPH,
hope@cwfn.org
Executive Director, Clean Water for NC
Durham and Asheville
www.cwfn.org [cwfn.org].

From: [Grady McCallie](#)
To: [SVC_DENR.publiccomments](#); [Holman, Sheila](#)
Cc: [Lane, Bill F](#); [Scott, Michael](#); [Abraczinskas, Michael](#); [Smith, Danny](#)
Subject: [External] comments on Chemours' Corrective Action Plan
Date: Monday, April 6, 2020 3:08:38 PM
Attachments: [Env ltr re CAP 4-6-20.pdf](#)

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We are grateful for the chance to offer public comments on Chemours' proposed Corrective Action Plan. I'm attaching a letter from 10 environmental groups asking the Department to reject the Plan, and to hold the company to the requirements of the Consent Order and state law. I'll be glad to answer any questions about our comments.

With appreciation,

Grady

Grady McCallie, Policy Director

NC Conservation Network

234 Fayetteville, 5th floor

Raleigh, NC 27601

919-802-7592

<http://www.ncconservationnetwork.org/> [ncconservationnetwork.org]

Center for Environmental Health ● Environment North Carolina ●
Haw River Assembly ● League of Women Voters – Lower Cape Fear ●
League of Women Voters – Wake County ● Natural Resources Defense Council ●
NC Child ● NC Conservation Network ● NC Sierra Club ● Toxic Free NC

April 6, 2020

VIA E-MAIL

Sheila Holman
Assistant Secretary for the Environment
North Carolina Department of Environmental Quality
1601 Mail Service Center
Raleigh, N.C. 27699-1601
publiccomments@ncdenr.gov

Re: Comments on Chemours Corrective Action Plan

Dear Assistant Secretary Holman:

Thank you for the opportunity to comment on Chemours' severely inadequate Corrective Action Plan ("plan") for the Fayetteville Works Facility. Collectively, our organizations represent tens of thousands of North Carolinians who live in or visit the Cape Fear basin downstream from the Fayetteville Works or the area around the plant. As long as Dupont's and Chemours' contamination remains in the ground and continues to ooze into the Cape Fear River, our members and supporters will face potential exposure.

For the past few years, communities in southeastern North Carolina have faced the reality that Chemours and DuPont polluted their air, drinking water, rivers and streams, soil, and groundwater for decades with per- and polyfluoroalkyl substances ("PFAS"). Now, Chemours has submitted its Corrective Action Plan, a document that is supposed to describe how the company will clean up its pollution.¹ Yet instead of meeting the mandatory requirements of the state groundwater laws, or the consent order it agreed to, Chemours says that the pollution it caused is too severe and widespread, and therefore, too expensive for the company to clean up as required to meet its commitments or state law. With its Corrective Action Plan, Chemours again puts its bottom line ahead of the health and safety of communities and residents. We urge DEQ to stand firm, protect these people and communities, and hold Chemours to the law and to its obligations.

¹ 15A N.C. Admin. Code 02L.0202(c).

State law requires that “[w]here groundwater quality has been degraded, the goal of any required corrective action shall be restoration to the level of the standards, or as closely thereto as is economically and technologically feasible as determined by the Department in accordance with this Rule.”² PFAS “shall not be permitted in concentrations at or above the practical quantitation limit,”³ which is the “lowest concentration of a given material that can be reliably achieved among laboratories within specified limits of precision and accuracy by a given analytical method during routine laboratory analysis.”⁴ State law thus mandates that Chemours clean up its PFAS groundwater pollution to the lowest concentration level detectable by laboratories, or as close to that level as is “economically and technologically feasible.”⁵

The Consent Order also requires cleanup. Paragraph 12 of the Consent Order requires Chemours to achieve the “maximum reductions in PFAS loading” from groundwater to all surface waters “that are economically and technologically feasible, and can be achieved within a two-year period.”⁶ Paragraph 16 of the Consent Order integrates the stringent requirements of state law and provides that the long-term cleanup be described in Chemours’ Corrective Action Plan. As a backstop to the rules, Paragraph 16 mandates that “[a]t minimum, the Corrective Action Plan must require Chemours to reduce the PFAS loading to surface water (Old Outfall 002, Willis Creek, Georgia Branch, and the Cape Fear River), for the PFAS for which test methods and lab standards have been developed, by at least 75% from baseline.”⁷ State law and the Consent Order require Chemours to take aggressive action to achieve the maximum cleanup, even in the face of uncertainty.

Based on Chemours’ analysis, groundwater contamination is the largest source of PFAS pollution in the Cape Fear River. Yet in its Corrective Action Plan, the company does not commit to *any action* that will clean up its groundwater pollution, in violation of both the Consent Order and state law. Instead, Chemours offers excuses. First, the company argues that “PFAS have been detected over an area of 70+ square miles (over 45,000 acres)” and any remedy would cost the company “in the billions to tens of billions of dollars.”⁸ So, as the circular logic goes, Chemours’ pollution is too widespread and the cleanup too costly to hold the company to its commitments or state law.

Next, the company argues that its toxic PFAS contamination is not harming people or the environment, and therefore “hypothetical remedies” that would clean up its pollution “are not considered necessary.”⁹ Chemours supports its claim with human health and ecological

² 15A N.C. Admin. Code 2L .0106(a).

³ 15A N.C. Admin. Code 02L .0202(c).

⁴ 15A N.C. Admin. Code 02L .0102(15).

⁵ 15A N.C. Admin. Code 2L .0106(a).

⁶ Consent Order, N.C. Dept. of Environmental Quality v. Chemours, 17 CVS 580, 22 (N.C. Super. 2019) (“Consent Order”).

⁷ Consent Order at 22.

⁸ The Chemours Company FC, LLC, Corrective Action Plan – Chemours Fayetteville Works, xvi (Dec. 2019) (“Corrective Action Plan”).

⁹ Corrective Action Plan at 56.

assessments that are based only on the health goal for GenX¹⁰—ignoring decades of exposure to GenX and numerous other PFAS, at times to levels *over 10,000 times higher* than any of the health values and standards being proposed and promulgated for these chemicals.¹¹

Chemours' claim also ignores that communities have been, and continue to be, exposed to mixtures of PFAS that neither Chemours nor any other entity has ever studied.¹² By relying on a human health assessment that is supported by data on *only one PFAS* in order to claim that nobody will be hurt by the dozens of PFAS from Chemours pollution, the company continues to attempt to profit from the lack of publicly-available information about these harmful chemicals. As has been the companies' practice, Chemours puts the burden of its pollution on families that have already suffered from the company's actions. DEQ must not allow Chemours to shirk its commitments or the law.

Finally, Chemours' proposed Corrective Action Plan fails to adequately address North Carolinians' multiple pathways of exposure to the company's contamination. PFAS from this facility do not merely threaten groundwater wells and downstream water users. The contamination also presents a threat via transport through soil into plants, livestock, and game on surrounding lands. The Corrective Action Plan says that residents' exposure through these paths will be less than the GenX health value recommended by NCDHHS, and drops any further discussion of mitigation measures. Again, that approach neglects the sensitivity of a population that has already been exposed for decades. It also relies on soil samples averaged across large areas, without discussion of the possibility that contamination concentrates in certain soils and environmental receptors. The only way to protect residents around the Fayetteville Works facility, short of denying them significant uses of their properties, is to require the company to fully remediate the soil and groundwater contamination it has caused.

Chemours has made it clear that it will not honor its commitments under the Consent Order or comply with state law unless forced to do so. We urge DEQ to exercise its full authority under the Consent Order to seek penalties for Chemours' violations of paragraphs 12 and 16, reject Chemours' proposed Corrective Action Plan, and:

- Require that Chemours achieve the maximum possible reductions of PFAS in onsite soil and groundwater;

¹⁰ Corrective Action Plan, Appendix F – Offsite Human Health Screening Level Exposure Assessment (SLEA) of Table 3+ PFAS, at 35 (“The hazard characterization is limited to an assessment of [GenX] based on the current availability of toxicity criteria.”) (referring to Chemours' human health assessment); *see also* Corrective Action Plan at 42. (“[T]his analysis was unable to assess hazards to exposed receptors for Table 3+ PFAS other than [GenX]”) (referring to Chemours' ecological assessment).

¹¹ Adam Wagner, *NC State-led study shows Cape Fear River had 'incredibly high' levels of chemicals*, The News & Observer, Oct. 10, 2019, available at <https://www.newsobserver.com/article235963052.html> (last visited Feb. 25, 2020).

¹² Chemours has identified 22 PFAS from non-targeted sampling. The Chemours Company FC, LLC., Site Associated PFAS Fate and Transport Study Chemours Fayetteville Works, 3 (June 2019). Chemours has also stated that over 150 different PFAS could be present at the facility. The Chemours Company FC, LLC., Chemours Fayetteville Works NPDES Permit Application Update, Attachment F-4, “List of PFAS Compounds” (July 2019).

- Prevent PFAS-contaminated groundwater from reaching the Cape Fear River or the on-site streams that flow into it; and
- Require Chemours to provide municipal water supplies or upgraded treatment capacity to residents whose drinking water has been contaminated by the company's widespread PFAS pollution.

Thank you for considering these comments. Please contact Grady McCallie at grady@ncconservationnetwork.org if we can answer any questions about this letter.

Sincerely,

Grady McCallie
Policy Director
NC Conservation Network

Michelle Hughes
Executive Director
NC Child

Clarice Reber
President
League of Women Voters - Lower Cape Fear

Dianna Wynn
President
League of Women Voters - Wake County

Lior Vered
Policy Advocate
Toxic Free NC

Emily Sutton
Haw Riverkeeper
Haw River Assembly

Dustin Chicurel-Bayard
Interim Director
NC Sierra Club

Michael Green
Executive Director
Center for Environmental Health

Drew Ball
Director
Environment North Carolina

Cori Bell
Program Attorney, Water
Natural Resources Defense Council

cc:

Bill Lane, DEQ
Michael Abraczinskas, DAQ
Michael Scott, DWM
Danny Smith, DWR

From: [kayreibold](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Clean up Plan for Chemours
Date: Monday, April 6, 2020 2:07:39 PM

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I am concerned that there does not appear to be a mechanism that reflects and considers the feedback from homeowners whose wells have been contaminated. Are these consumers satisfied with the Chemours intervention to provide bottled water and other measures? A survey should be conducted to determine the impact on affected homeowners whose water has been contaminated.

The Chemours plant should be shut down permanently. The contamination of ground and surface water should have been prevented in the first place.

Thank you.
Kay Reibold
Raleigh

Sent from my Verizon, Samsung Galaxy smartphone

From: [Maple O](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] PFAS Chemours
Date: Monday, April 6, 2020 2:06:40 PM

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Corrective Action Monitoring

The contamination of ground and surface water by Chemours should have been PREVENTED, rather than allowing a compromised Action Plan due to economic feasibility. I know you will keep doing what you can to put responsibility where it belongs.

**Maple Mary Ann Osterbrink
603 MLK Blvd 1E
Chapel Hill
NC**

From: [Guidry, Virginia T](#)
To: [SVC_DENR_publiccomments](#)
Cc: [Moore, Zack](#); [Dittman, Beth](#); [Lee Pow Jackson, Crystal](#); [Pritchett, Jamie R](#)
Subject: Public comment on the Corrective Action Plan submitted by Chemours
Date: Monday, April 6, 2020 1:01:28 PM
Attachments: [image001.png](#)
[NCDHHS Public Comment on CAP April2020.pdf](#)

Please see the attached submission of a public comment from NC DHHS regarding the Corrective Action Plan (CAP) submitted in December 2019 by Chemours to the North Carolina Department of Environmental Quality (NC DEQ).

Sincerely,
Virginia Guidry

Virginia Guidry, PhD, MPH
Branch Head, Occupational and Environmental Epidemiology
Division of Public Health, Epidemiology Section
North Carolina Department of Health and Human Services

Office: 919-707-5920
Cell: 919-623-1756
virginia.guidry@dhhs.nc.gov

5505 Six Forks Road
1912 Mail Service Center
Raleigh, NC 27699-1912



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NC DEPARTMENT OF
**HEALTH AND
HUMAN SERVICES**

ROY COOPER • Governor
MANDY COHEN, MD, MPH • Secretary
MARK T. BENTON • Assistant Secretary for Public Health
Division of Public Health

April 6, 2020

To Whom It May Concern:

The North Carolina Department of Health and Human Services (NC DHHS) reviewed the Corrective Action Plan (CAP) submitted in December 2019 by Chemours to the North Carolina Department of Environmental Quality (NC DEQ), with a specific focus on the human health screening level exposure assessment (HH-SLEA) portion of the CAP, located in Appendix F.

The HH-SLEA makes broad conclusions about potential risk to people living, working, or playing near the site. The limitations of the data and analysis used to support these conclusions are summarized below and detailed in Attachment A:

- 1) The HH-SLEA did not include all appropriate exposure pathways, such as air, swimming in pools, and subsistence fishermen who may also live near the plant and use private wells. Pathways with insufficient data to quantify exposure should still be acknowledged and accounted for when making conclusions.
- 2) The HH-SLEA did not assess the full scope of per- and polyfluoroalkyl substances (PFAS) in the affected community and surrounding environment. Many environmental media were not tested for all Table 3+ PFAS. In addition, given the history of PFAS production at the site, legacy PFAS (i.e. PFAS listed in EPA Method 537) should be considered in the HH-SLEA.
- 3) The exposure point concentrations (EPCs) chosen for certain environmental media will underestimate potential exposure to PFAS for off-site receptors. The HH-SLEA often relied on “current condition” assumptions, where it was assumed that all drinking water exposures were minimized by filtration systems and air emissions were decreased by facility air scrubbers. These assumptions do not account for past exposures and risks, future scenarios where current control methods may fail, groundwater migration, or future residents who may install new wells without awareness of the underlying groundwater contamination.
- 4) Exposure factors chosen for certain exposure pathways will underestimate potential exposure to PFAS for off-site receptors.
- 5) Several scientific assumptions were made without referencing the appropriate citations or evidence.
- 6) The CAP cleanup goals and HH-SLEA hazard assessment are based solely on HFPO-DA (also known as GenX), which may underestimate total risk from other PFAS that currently lack toxicity data.

NC DEPARTMENT OF HEALTH AND HUMAN SERVICES • DIVISION OF PUBLIC HEALTH

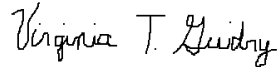
LOCATION: 5505 Six Forks Road, Building 1, Raleigh, NC 27609
MAILING ADDRESS: 1912 Mail Service Center, Raleigh, NC 27699-1912
www.ncdhhs.gov • TEL: 919-707-5900 • FAX: 919-870-4807

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER

There are several significant data gaps and uncertainties as documented by this public comment and in Section 8 of Appendix F which currently preclude a robust and meaningful risk characterization for this site. These gaps include an incomplete exposure assessment and a lack of toxicity data for most PFAS that were assessed in the CAP. Given this, NC DHHS disagrees with the assertion in section 6.2.4 of the CAP that the HH-SLEA is sufficient to conclude that offsite groundwater remediation is not needed to protect human health.

NC DHHS appreciates the opportunity to evaluate the Corrective Action Plan in detail and has reviewed our concerns with NC DEQ. Given the pace of current research, as toxicology and treatment technology knowledge expand, the corrective action plan should be periodically revised and updated. NC DHHS looks forward to continued collaboration with NC DEQ to respond to public health concerns from the affected community near the Fayetteville Works Facility.

Sincerely,



Virginia T. Guidry, PhD, MPH
Branch Head, Occupational and Environmental Epidemiology
Division of Public Health, Epidemiology Section
North Carolina Department of Health and Human Services

Attachment A

The North Carolina Department of Health and Human Services (NC DHHS) reviewed the Corrective Action Plan (CAP) submitted in December 2019 by Chemours to the North Carolina Department of Environmental Quality (NC DEQ), with a specific focus on the human health screening level exposure assessment (HH-SLEA) portion of the CAP, located in Appendix F titled “Offsite Human Health Screening Level Exposure Assessment (SLEA) of Table 3+ PFAS”.

A detailed list of NC DHHS concerns about the HH-SLEA follows. Unless otherwise noted, all section, figure, and table numbers refer to those found in Appendix F.

- 1) The HH-SLEA did not include all appropriate exposure pathways.
 - a) The evaluation did not address inhalation of ambient air in the surrounding community during and after facility stack emissions. Since it is known that air emissions from this site were significant enough to affect groundwater in the surrounding community, it may be assumed that there is also exposure via inhalation. Two footnotes on Table F-2-1 seem to indicate that at one point in the development of the HH-SLEA the inhalation route was considered; however, no data are included to estimate ambient air levels or estimated dose. The conceptual site model (Figure 2) has a footnote that vapors in ambient air are not evaluated because “this pathway is unlikely to be significant” but no supporting documentation is provided to show how this conclusion was made.
 - b) Many families in the community use well water to fill their swimming pools, but this potential exposure pathway was not considered. Although swimming is not likely to be a significant pathway of exposure in isolation, a “reasonable maximum exposure” scenario should account for individuals potentially exposed through multiple pathways.
 - c) Residents were excluded from also being considered recreationalists. It is fair to assume people with contaminated well water living near the Fayetteville Works facility also recreate in the area, including swimming and fishing, and consume fish from affected waterways. Total exposure from all these combined pathways should be assessed.
 - d) Lack of available data precluded evaluation of exposure through consumption of livestock or local wildlife. The HH-SLEA acknowledges that this is a presumed complete exposure pathway, but no effort was made to quantify these pathways or account for them when drawing conclusions about potential health hazards.
- 2) The HH-SLEA did not assess the full scope of per- and polyfluoroalkyl substances (PFAS) in the affected community and surrounding environment.
 - a) Given the documented history of PFAS production at this site, NC DHHS suggests that the HH-SLEA includes analysis of both legacy (EPA Method 537) and emerging (Table 3+) PFAS.
 - b) Home-grown produce was not collected and directly analyzed for PFAS concentrations. The rationale for this decision provided in the CAP was that harvest-ready produce could not be collected due to seasonal limitations. However, various harvest-ready produce is available year-round.
 - c) Levels of HFPO-DA in produce were estimated using a model. Given that the physical and chemical properties of PFAS differ from other organic pollutants, it is unclear that the model used is appropriate for this purpose and been validated for PFAS at other sites.

- d) Several environmental media were not assessed for all listed Table 3+ PFAS. This includes untreated well water, surface water used for public drinking water, and home-grown produce. Throughout the HH-SLEA, (ex: Section 5.2.2) data for Table 3+ analytes are mentioned, but the dataset only includes some of the Table 3+ PFAS, not all. This is misleading, and for each media and exposure unit, the analytes being considered should be clearly and explicitly stated. Wherever possible, environmental media should be analyzed for legacy and emerging PFAS.
 - e) A limited number of fish were collected from the Cape Fear River. The data provided in the HH-SLEA are insufficient to determine if the samples are truly representative of fish populations in the river. NC DHHS recommends a minimum of five fillet samples from individual fish per species per sampling site, or three composite samples per species per sampling site, with each composite consisting of tissue from three to seven fish of the same species. Additionally, fish were not collected from Kings Bluffs (55 miles downstream) even though PFAS have been historically detected in the surface water here. There is also inconsistent reporting of fish collected between the text (Section 5.4.1), Figure 7, and Table B-4.
- 3) The exposure point concentrations (EPCs) chosen for certain environmental media will underestimate potential exposure to PFAS for off-site receptors.
- a) Well water concentrations were averaged over each exposure unit to calculate EPCs. This approach may significantly underestimate potential exposures for residents with the highest levels of PFAS in their water. Averaging multiple private well results is inappropriate for calculating an EPC for a private well user because they do not receive their drinking water from multiple wells. A reasonable maximum exposure scenario should consider maximum measured contaminant levels in each exposure unit.
 - b) The HH-SLEA also presented a “current conditions” scenario where it was assumed that all drinking water exposures were minimized by filtration systems and air emissions were decreased by facility air scrubbers. It is important not to overstate the conclusions from that scenario and continue to consider cases where filtration systems may fail, groundwater migrates toward untreated wells, or new wells are drilled in the area resulting in exposure to untreated drinking water. Further, the results from the performance testing of the thermal oxidizer have not yet been received, preventing confirmation of its effectiveness at the time of this review.
 - c) Surface soil samples were taken at 30 locations in each exposure unit and composited into a single sample that was assumed to be representative of surface soils for the whole exposure unit. This approach could greatly underestimate soil exposure in certain areas where PFAS deposition is higher. Multiple discrete surface soil samples should be taken and analyzed throughout each exposure unit, with higher sampling density in areas that correspond with suspected deposition patterns.
 - d) Underestimating soil PFAS concentrations by compositing 30 samples into one could also lead to underestimating the level of PFAS in produce, since soil concentration is an important factor in the model used to estimate PFAS levels in produce.
 - e) Most surface soil samples were collected from right-of-way areas near roads. A hydrogeologist should be consulted to determine if proximity to a roadway and ensuing

- runoff would affect PFAS residence times in surface soil compared to residence times in the areas of yards used to grow produce.
- 4) Exposure factors chosen for certain exposure pathways will underestimate potential exposure to PFAS for off-site receptors.
 - a) In Table F-2-4, the exposure frequency for swimming is listed as 12 events per year based on professional judgement. This might underestimate the reasonable maximum exposure to PFAS while swimming, such as residents who may swim multiple times a week during the summer.
 - b) In Table F-2-4, the exposure factors used to evaluate exposure while swimming do not match the footnotes. Specifically, footnote 4 indicates that the exposure time for children is 270 minutes (4.5 hours), but the table lists 3.5 hours/event as the exposure time for children. Additionally, footnote 4 indicates that the exposure time for adults is 210 minutes (3.5 hours), but the table lists 7.5 hours/event as the exposure time for adults.
 - c) In Table F-2-2, the soil ingestion rates for adults is listed as 330 mg/day per EPA 2014. When looking at this reference, the adult soil ingestion rate for outdoor workers is 100 mg/day. This discrepancy should be corrected.
 - d) In Table F-2-5, the fish ingestion rates given are for recreational fishermen. There are portions of the North Carolina population who are subsistence fishermen, and intake rates for subsistence fishermen should be used to account for these populations. Using recreational fishermen intake rates will significantly underestimate potential exposure from this pathway.
 - 5) Appropriate citations or evidence should be referenced for statements about physical and chemical properties of PFAS with ether bonds discussed in Section 2.6; statements about the effectiveness of filtration systems such as Section 5.2; and statements about dermal exposure presented in Section 8.3.1.
 - 6) There are several significant data gaps and uncertainties which currently preclude a robust and meaningful risk characterization for this site.
 - a) Because there are no toxicity data for most Table 3+ PFAS, NC DHHS recommends removing “noncarcinogenic human health hazard from assumed exposure to Table 3+ PFAS in the vicinity of the Facility” from the stated goals in the executive summary of the HH-SLEA.
 - b) The characterization of potential risk to the affected community presented in the HH-SLEA does not adequately account for the deficiencies listed in this public comment, as well as the lack of toxicity data for most Table 3+ PFAS.
 - c) It would be helpful to explicitly clarify what fraction of total PFAS exposure is attributable to HFPO-DA compared to other Table 3+ PFAS.
 - d) Regarding footnote 13, which references the relative source contribution, the conclusions made may be premature given the data gaps surrounding other potential exposure routes such as household dust and inhalation.
 - 7) The NC DHHS derived oral reference dose is currently the appropriate toxicity value to use for HFPO-DA based on the following considerations:
 - a) The NC Secretaries’ Science Advisory Board has reviewed the NC DHHS oral reference dose for HFPO-DA and recommended its use as the foundation for protecting affected and sensitive populations and providing corresponding risk assessments and advice.

- b) The Thompson et al. 2019 oral reference dose was derived from a rat study, which has been shown to be a less sensitive species for some effects of PFAS compared to mice models.
- c) The USEPA draft oral reference dose is still in draft form, and USEPA has explicitly stated that it should not be used since it is not final and may change following public comment¹.
- d) Although the DHHS derived oral reference dose should be used for calculations, it is incorrect to say the NC DHHS determined the use of the reference dose “in a regulatory context” (ex: Section 7.1 in Appendix F) since NC DHHS is not a regulatory agency.

¹ https://www.epa.gov/sites/production/files/2018-11/documents/factsheet_pfbs-genx-toxicity_values_11.14.2018.pdf

From: [Rcrybaby3](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Fwd: Non-Concurrence Groundwater Corrective Action Plan 1601
Date: Sunday, April 5, 2020 11:58:03 AM
Attachments: [Non-Concurrence with Corrective Action Plan \(2\).odt](#)
[Chemours Test Results.pdf](#)

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Dated form

From: rcrybaby3@aol.com
To: publiccomments@ncdenr.com
Sent: 4/5/2020 11:24:49 AM Eastern Standard Time
Subject: Non-Concurrence Groundwater Corrective Action Plan 1601

Secretary Michael Regan,

Dear Mr. Regan,

Attached is the Written Non-Concurrence Action Plan 1601 plus our results from the testing done by Chemours/DuPont also there is signature with my husband Ronnie Napier and my signature Audrey Napier. We live at 1739 John McMillan Road, Hope Mills, NC.

Our test results are not complete. There were 4 test that were not done! Now I must contact another department of NCDEQ in order to have it done. This is UNACCEPTABLE!! We feel the state has let our community down. We have been living here for 28 years and from it sounds like this has been going on for the last 40 years!! No one wanting to say anything until it can't be covered up anymore.

You as the Secretary of EPA in N.C. need to get the ball rolling on and protect we the people. We truly would appreciate more cooperation from the state in making Chemours/DuPont more accountable. The R.O systems is just a band-aid on a gunshot wound. The R.O. systems doesn't even keep our hot water clean when taking showers.They need to provide GAC systems to everyone affected!!! You need to make this deal happen.

We would truly appreciate help from you.

Sincerely,
Ronnie and Audrey Napier
910-429-2576

Method Chemours : Fluoroproducts Analytical Method

The Chemours Company FC, LLC Sample ID	Eurofins Sample ID	Collection Date/Time	Date Received At Eurofins	Analysis Date	Analyte	Result (ug/L)	Reporting Limit
FAY-D-1739JHNMC-W1-1-012120	320-57965-2	01/21/20 14:15	01/22/20	02/02/20	Byproduct 1	<0.0020	0.0020
FAY-D-1739JHNMC-W1-1-012120	320-57965-2	01/21/20 14:15	01/22/20	02/02/20	Byproduct 2	<0.0020	0.0020
FAY-D-1739JHNMC-W1-1-012120	320-57965-2	01/21/20 14:15	01/22/20	02/02/20	PEPA	<0.020	0.020
FAY-D-1739JHNMC-W1-1-012120	320-57965-2	01/21/20 14:15	01/22/20	02/02/20	PFECA G	<0.0020	0.0020
FAY-D-1739JHNMC-W1-1-012120	320-57965-2	01/21/20 14:15	01/22/20	02/02/20	PFMOAA	0.056	0.0050
FAY-D-1739JHNMC-W1-1-012120	320-57965-2	01/21/20 14:15	01/22/20	02/02/20	PFO2HxA	0.014	0.0020
FAY-D-1739JHNMC-W1-1-012120	320-57965-2	01/21/20 14:15	01/22/20	02/02/20	PFO3OA	<0.0020	0.0020
FAY-D-1739JHNMC-W1-1-012120	320-57965-2	01/21/20 14:15	01/22/20	02/02/20	PFO4DA	<0.0020	0.0020
FAY-D-1739JHNMC-W1-1-012120	320-57965-2	01/21/20 14:15	01/22/20	02/02/20	PFO5DA	<0.0020	0.0020
FAY-D-1739JHNMC-W1-1-012120	320-57965-2	01/21/20 14:15	01/22/20	02/02/20	PMPA	0.23	0.010

DEFINITIONS:

ug/L = micrograms per liter (parts per billion).

< = less than the stated value.

FOR SAMPLES ANALYZED IN DUPLICATE, THE RESULTS ARE CALCULATED ACCORDING TO THE FOLLOWING CRITERIA:

If the sample and laboratory duplicate are both greater than or equal to 5X their RL and the relative percent difference (RPD) is less than or equal to 20, the average value is reported. If the RPD is greater than 20, the higher value is reported. If the sample or laboratory duplicate is less than 5X their RL, and the absolute difference between the sample and laboratory duplicate is less than or equal to the sample RL, the average value is reported. If the absolute difference is greater than the sample RL, the higher value is reported. If the sample or the duplicate is greater than or equal to their RL and the other is less than its RL, the higher value is reported. If the sample and duplicate are both less than their RL, the lowest RL is reported.

For Table 3 methods, if the sample and laboratory duplicate are greater than their RL, the average is reported. If the sample or the duplicate is greater than or equal to their RL and the other is less than its RL, the higher higher value is reported. If the sample and duplicate are both less than their RL, the lowest RL is reported.

SUBMITTED BY:



Michelle Johnston, Project Manager II

2/7/2020

Date

Method 537 (modified) : Fluorinated Alkyl Substances

The Chemours Company FC, LLC Sample ID	Eurofins Sample ID	Collection Date/Time	Date Received At Eurofins	Analysis Date	Analyte	Result (ug/L)	Reporting Limit
FAY-D-1739JHNMC-W1-1-012120	320-57965-2	01/21/20 14:15	01/22/20	02/01/20	HFPO-DA	0.0042	0.0040
FAY-D-1739JHNMC-W1-1-012120	320-57965-2	01/21/20 14:15	01/22/20	02/01/20	Perfluoroheptanoic acid (PFHpA)	<0.0020	0.0020

DEFINITIONS:

ug/L = micrograms per liter (parts per billion).

< = less than the stated value.

FOR SAMPLES ANALYZED IN DUPLICATE, THE RESULTS ARE CALCULATED ACCORDING TO THE FOLLOWING CRITERIA:

If the sample and laboratory duplicate are both greater than or equal to 5X their RL and the relative percent difference (RPD) is less than or equal to 20, the average value is reported. If the RPD is greater than 20, the higher value is reported. If the sample or laboratory duplicate is less than 5X their RL, and the absolute difference between the sample and laboratory duplicate is less than or equal to the sample RL, the average value is reported. If the absolute difference is greater than the sample RL, the higher value is reported. If the sample or the duplicate is greater than or equal to their RL and the other is less than its RL, the higher value is reported. If the sample and duplicate are both less than their RL, the lowest RL is reported.

For Table 3 methods, if the sample and laboratory duplicate are greater than their RL, the average is reported. If the sample or the duplicate is greater than or equal to their RL and the other is less than its RL, the higher value is reported. If the sample and duplicate are both less than their RL, the lowest RL is reported.

SUBMITTED BY:



Michelle Johnston, Project Manager II

2/7/2020

Date

From: [Mark Vaughan](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Michael Regan-Public Comment to the proposed Groundwater Corrective Action Plan
Date: Sunday, April 5, 2020 10:27:07 AM

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To: Department of Environmental Quality

Secretary Michael Regan

Written Non-Concurrence to the proposed Groundwater Corrective Action

Plan 1601 Mail Service Center

Raleigh, N.C. 27699-1601

1. I am one of the “affected parties: per 15A NCAC 02L .0202(c) and § 143-215.2A. (Relief for contaminated private drinking water wells). **I DO NOT CONCUR** with the Corrective Action Plan (CAP) as written. I am providing my non-concurrence IAW 15A NCAC 02L .0106(k) (3) and provide my written notification to the Secretary of DEQ and Governor of the State of North Carolina. I demand equal treatment under the laws of North Carolina and demand Secretary Regan force Chemours and/or Dupont to provide a Permanent Solutions for all wells found to be contaminated in exceedance of NC Groundwater Standards listed in 15A NCAC 02L .0202. It is the belief that § 143-215.2A, which was enacted in June 2018 and became a State Statute can still be used to force Chemours and/or Dupont to run water at their expense. Paragraph 34 utilized the verbiage Session Law 2018-5 Sec 13.1(c) when it was signed and enacted in February 2019 over 8 months after § 143-215.2A had been enacted as a State Law. Referring to it as Session Law 2018-5 Sec 13.1 (c) thus makes the limitations that DEQ attempted to place on the use of § 143-215.2A invalid. Since the enactment of the Consent Order Chemours has been in violation in all testing of wells as they are not testing for all chemicals agreed upon in Attachment C as both **PFMOPrA (Perfluoro-3- methoxypropanoic acid) & PFMOBA (Perfluoro-4- methoxybutanoic acid)** are not tested for. GEL Labs can test for these two compounds as they are tested for during NC DEQ testing of wells.
2. As an adjacent property owner IAW the requirements of 15A NCAC 02L .0106(k) (3) **I DO NOT consent** to the **proposed Corrective Action Plan**. It is required by the provisions of 15A NCAC 02L .0106(k)(3) to gain approval of the property owners for the Corrective Action Plan that was submitted for the Chemours i.e. the Fayetteville Works Facility (Geosyntec Project Number TR0795). To date not one

property owner that has been requested to provide consent.

Unless Chemours and/or Dupont provides equal solutions for all “affected parties” i.e. anybody with a Well that has been found to have any PFAS contamination from the Fayetteville Works Facility (not limited to Attachment C of the consent order) in the means of a Whole Home Solution be it Granular Activated Carbon Systems or Public Water. **I nonconcur with the Corrective Action**

Plan. Chemours & Dupont cannot be permitted to contaminate our groundwater wells, soil and vegetation without being required to remediate what they have damaged or a Permanent whole home water solution. Cost to remediate or Public water should be the only feasible solution regardless of costs i.e. the \$75K DEQ imposed limit.

3. 15A NCAC 02L .0106(k)(3) is very clear and it states:

15A NCAC 02L .0106(k)(3) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the availability of public water supplies for the affected area; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph. The person making the request shall demonstrate:

- (1) that all sources of contamination and free product have been removed or controlled pursuant to Paragraph (f) of this Rule;
- (2) that the time and direction of contaminant travel can be predicted with reasonable certainty;
- (3) that contaminants have not and will not migrate onto adjacent properties, or that:
 - (A) such properties are served by an existing public water supply system dependent on surface waters or hydraulically isolated groundwater; or
 - (B) the owners of such properties have consented in writing to the request;

4. There is still contamination in our trees specifically pine type trees and our soil that Chemours has no intention of remediating. This will continue to have pass through contamination caused by rainfall passing thru the vegetation. As such (1) will not be achieved and neither will (2) above. Contaminants have migrated off of the Fayetteville Works Facility to the adjacent properties as far as 11 miles from the center of the facility covering an area in excess of 125 square miles and growing. All properties could be provided public water supply IAW 15A NCAC 02L .0106 (k) at far less in cost that the cost to remediate an area over 125 square miles. Of whole home water filtration could be provided to all homes with detection of PFAS in exceedance of the NC Ground Water Quality

Standards. Chemours can make the choice to fund billion to tens of billions of dollars of cleanup or millions for providing permanent whole home solutions. I do not consent IAW (3)(B) until Chemours provides that resolution voluntarily or forced by the State.

5. Per 15A NCAC 02L .0106(b) Any person conducting or controlling an activity that results in the discharge of a **waste** or **hazardous substance** or oil to **the groundwaters** of the State, or in proximity thereto, shall take action upon discovery to terminate and control the discharge, mitigate any hazards resulting from exposure to the pollutants and notify the Department, as defined in 15A NCAC 02C .0102, of the discharge. Chemours and Dupont violated 15A NCAC 02L .0106 (d) Any person conducting or controlling an activity that is conducted under the authority of a permit initially issued by the Department on or after December 30, 1983 pursuant to G.S. 143-215.1 or G.S. 130A-294 and that results in an increase in concentration of a substance in excess of the standards. This was known by NC DEQ as far back as December 2016 when Chemours delivered the Corrective Measures Study to DEQ. So for three years Chemours failed to address a Corrective Action Plan, and has only done so to meet a requirement of a Consent Order.

5. IAW 15A NCAC 02L .0106 (k) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the **availability of public water supplies for the affected area**; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph.

6. The manner in which the consent order lists § 143-215.2A an State Law that was enacted in June of 2018 prior to the Enactment of the Consent Order in February of 2019. Session Law 2018-5 Sec 13.1 (c) is irrelevant as it had been enacted as a State Law prior upon ratification in June of 2018. So it should not have been referred to as Session Law 2018-5, but as the State Statute and since listed incorrectly in Paragraph 34 of the Consent Order is invalid and the Secretary of DEQ can still force the polluters to pay for permanent whole solution be that Whole Home Granular Activated Carbon or the running of Public water Systems to all homes found with a well in violation of the NC Ground Water Standards.

7. 15A NCAC 02L .0106 (a) **Where groundwater quality has been degraded, the goal of any required corrective action shall be restoration to the level of the standards, or as closely thereto as is**

economically and technologically feasible as determined by the Department in accordance with this

Rule. If Chemours and/or Dupont cannot remediate all wells they have contaminated in

15A NCAC 02L .0202 standards. For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules. At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible. The size of the area encompasses thousands of private land parcels and any remedial construction activities using currently available remedial technologies (excavation and groundwater extraction) would be very disruptive to the local community and this disruption would continue for a lengthy period of time. Any remedy which in principle could help make progress towards PQLs over this large area would cost in the billions to tens of billions of dollars.

8. I as one of the “affected parties” are demanding that NC DEQ protect our rights and force Chemours and/or Dupont the polluters to either remediate the damages to our Groundwater Wells or provide permanent whole home solutions i.e. Whole Home Granular Activated Carbon or Public Water connections with a defined period of the polluter paying for the water bills. The same solution provided for the Coal Ash “Affected Parties”.

9. Areas of Corrective Action Plan that indicate why Chemours and/or Dupont should be forced to provide Whole Home Filtration or Public Water for all those with wells that indicate exceedance of the NC Groundwater Standards 15A NCAC 02L .0202(c). When referring to the costs associated with providing the above remediation it must be taken into account that Chemours is gaining a cost savings of \$5,000,000 per month in cost savings for the elimination of shipping the Waste Water to Texas. It must also be taken into account the processing of the Waste from the Netherlands in determining the feasibility of providing public water or Whole Home Solutions to all “affected parties”. Affected Party is any property found with a groundwater well in exceedance of the NC Ground Water Standards established by the NC Environmental

Page xiv

Comply with 2L Rules (CO paragraph 16), including following the policy for the intention of the 2L Rules

“to maintain and preserve the quality of the groundwaters, prevent and abate pollution and contamination of the water of the state, protect public health, and permit management of the groundwaters for their best usage by the citizens of North Carolina” (15A NCAC 02L .0103)1; and comply with other requirements of the CO.

Response to Page xiv

Chemours is not in compliance with the Consent Order as they are not testing for all of the Chemicals listed on Attachment C. The two compounds that are not tested for are PFMOPrA (Perfluoro-3- methoxypropanoic acid) & PFMOBA (Perfluoro-

4- methoxybutanoic acid). This should be a complaint that all address to Michael Scott and Michael Regan @ NC DEQ. Prior to approval of a Corrective Action Plan NC DEQ should ensure that the Consent Order is actually enforced and that a permanent remediation solution or permanent whole home water solutions are provided.

Page xvi

Because the results of the HH-SLEA and Ecological SLEA indicate that exposures to HFPO-DA in offsite environmental media do not pose a hazard to human health or the environment, site-specific, risk-based cleanup goals were not developed; rather, cleanup goals are based on CO and 2L rules. ****

For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules. At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible.

For offsite groundwater receptors, provide public water connections or whole building filtration units or reverse osmosis units to qualifying surrounding residents (CO paragraphs 19 and 20);

Response: to Chemours CAP Page xvi

Most all wells tested have multiple Chemicals in the wells. Some as many as 9- 16 yet in documents like this Corrective Action Plan you will see Chemours discussion relate to only HFPO-DA. In the Ground Water Quality Standard of the State of North Carolina under 15A NCAC 02L .0202(b)(2) Where two or more substances exist in combination, the Director shall consider the effects of chemical interactions as determined by the Division of Public Health and may establish maximum concentrations at values less than those established in accordance with Paragraphs (c), (h), or (i) of this Rule. In the absence of information to the contrary, in accordance with Paragraph (d) of this Rule, the carcinogenic risks associated with carcinogens present shall be considered additive and the toxic effects associated with non-carcinogens present shall also be considered additive.

I as an “affected party”: per 15A NCAC 02L .0202(c) and § 143-215.2A (Relief for contaminated private drinking water wells) demand that the Secretary of DEQ and Governor of the State of North Carolina force Chemours and/or Dupontto provide a Permanent Solution for all wells found to be contaminated in exceedance of the NC Groundwater Standards as the remedy for our contaminated wells based on the admission that Chemours has no plan for remediation of our contaminated properties. Secretary Regan needs to follow NC Groundwater Quality Standards as well as enforce the Consent Order. Failure to do so is a failure to perform the duties of office.

Thank you Mark Vaughan

C'mon

From: [lgarvey](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Clean up your polluted water! Why are they allowed to do this? They should be shut down! Why should we have to buy water to drink because ours it polluted? It"s not right!
Date: Sunday, April 5, 2020 6:42:58 AM

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Sent from my Verizon, Samsung Galaxy smartphone

From: happyhealth15@gmail.com
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemour pollution
Date: Saturday, April 4, 2020 6:54:27 PM

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Whatever is necessary needs to be done to stop all pollution of the Cape Fear water supply. The ongoing discharge of pollutants are putting the health and safety of the citizens and wildlife downstream at risk. In addition, the pollution is risking lowering property values and the appeal of Wilmington as a vacation and activities destination. If more research indicates the current and ongoing pollution creates even more risk than has been stated to date, the financial implications for the area could be devastating.

We understand macro-economics, but ethics of residents' health and safety must take precedence!

Tanya Bush
Leland, NC

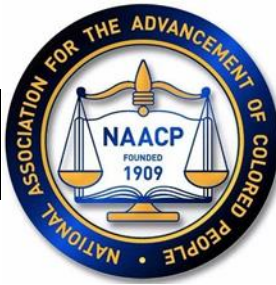
Sent from my iPhone

From: [Carl Parker](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] New Hanover - Brunswick County Branches of the NAACP comments regarding Chemours Corrective Action Plan
Date: Saturday, April 4, 2020 1:40:10 PM
Attachments: [Chemours CAP Comments.pdf](#)

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Please accept our comments to the Chemours Corrective Action Plan

Mr. Carl L. Parker, President
Brunswick County Branch #5452



Ms. Deborah Dicks Maxwell, President
New Hanover County Branch #5424

April 4, 2020

Sheila Holman
North Carolina Department of Environmental Quality
1601 Mail Service Center
Raleigh, NC 27699

Re: Chemours' Corrective Action Plan (CAP) comments.

On behalf of the all of the active members of the Brunswick County Branch and New Hanover Branch of the National Association for the Advancement of Colored People who are seamlessly a part of our 2,200 branches and some half million members worldwide, we offer this joint letter containing our collective comments because we believe that protecting our drinking water resources from pollution is a basic human right and vital necessity for a healthy and productive society. Unfortunately, the chemicals that Chemours and others have dumped into our primary drinking water source, the Cape Fear River, now jeopardizes that human right. Regrettably, the real tragedy here in our Lower Cape Fear River area will be the challenge of the high costs of advanced water treatment associated with making our river water source drinkable again.

To compound that problem, water rates are already unaffordable for many of the households in our area and is forecasted to be more severe in the next five years to financially vulnerable households in our Lower Cape Fear River area. Access to clean, safe water is critical to all of us living downstream of Chemours. Affordable access to this basic service is essential to protecting the health and wellness of vulnerable or disadvantaged populations. And yet, this so-called CAP totally fails to address this unfolding tragedy. There is not one single passage, chapter or reference in this CAP that addresses the environmental injustice caused by the discharge of Chemours chemicals to our water supply. It is clear to us that communities of all sizes downstream of Chemours will be struggling to reliably provide clean, safe drinking water at reasonable rates. However, we also know that our disadvantaged families will face a disproportionate share of those economic and environmental burdens.

When water bills become unmanageable for a low-income household, missed payments and a delinquent account can turn into disconnection or shut-off from the system, an outcome with many negative impacts for both the customer and our utilities. A disconnected water service practically makes a home uninhabitable and can have the same effect as eviction. Alternatively, some low-

income households may absorb the cost of rising rates in the form of rent increases. As water rates rise, more and more our households will lack the ability to pay for services that are critical to human life.

It is our understanding that under the Title VI Section of the Civil Rights Act of 1964, any agency receiving federal money cannot discriminate on the basis of race, color or national origin. It is a basic accountability system: if a recipient receives federal funds, that recipient cannot use those funds to discriminate. Discrimination need not be intentional. It includes any decision that has an unjustified, unequal impact. We believe that any federal funds used by NC DEQ or your contractors for any matter, action or oversight related to this CAP effort establishes a responsibility for the State of North Carolina to adhere to Title VI section of the Civil Rights Act of 1964.

History has clearly defined that where we live has direct bearing on our well-being. For us living in the Lower Cape Fear region it seems that our postal code will now determine the health of our citizens who live here. We know that our poorer communities will continue to bear the physical, emotional and financial brunt of Chemours harmful pollution of our drinking water source delivered by way of the Cape Fear River. Chemours' mistreatment of marginalized communities downstream of its Fayetteville plant is unconscionable and discriminatory.

We believe that the State of North Carolina must undertake multi-pronged actions and solutions to the Chemours caused environmental catastrophe that go far beyond this meagerly drafted correct action plan. With that, we ask you please respond to our comments:

Comment 1: Please explain why there is a total failure to address issues of Environmental Justice in the Chemours CAP. Nowhere in the entire consent document is the term Environmental Justice even mentioned. Environmental Justice is defined by the EPA as "the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation and enforcement of environmental laws, regulations and policies." The EPA further explains, "Fair treatment means that no group of people should bear a disproportionate share of the negative environmental consequences resulting from industrial, governmental and commercial operations or policies." The pollution caused by Chemours and others represents "a disproportionate share of negative environmental consequences" falling on the backs of the nearly 130,000 people who are at or below the federal poverty line in five counties from Cumberland to Brunswick County along the Cape Fear River. To us, the down-streamers, this is an untenable situation that neither NC DEQ nor Chemours has had the inclination or desire to address.

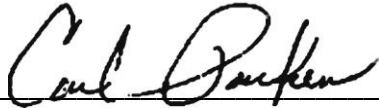
- Comment 2: Please explain why we who live and work downstream of the Chemours Fayetteville facility have to pay excessive and unjustified utility rates for so-called “potable” water that we can’t drink.
- Comment 3: Do you agree with CFPUA and Brunswick County utilities position that our proposed state-of-the-art water treatment plants are not optional and are desperately needed for those that live downstream to remove Chemours, et al contaminants from our drinking water?
- Comment 4: Do you agree with our position that higher water service rates will have a disproportional impact on our marginalized groups and individuals, such as those among us living in poverty including the disabled, pregnant or lactating women, veterans, homeless people, and residents of unincorporated areas of our county?
- Comment 5: Do you agree with our opinion that raising our water rates is not a sustainable solution to clean up the pollution caused by those like Chemours that make large profits from abusing our critical drinking water resource?
- Comment 6: Do you agree with our position that drinking water “sustainability” means giving us our water back as clean as or cleaner than it was given to Chemours in the first place?
- Comment 7: Considering the circumstances surrounding the Chemours pollution, can you explain why the State of North Carolina has not yet enacted any “anti-shutoff” legislation that states that no water service disconnect for customers at or below the Federal poverty level or if the customer is blind, disabled, handicapped or households with a baby 24 months old or younger that has discharge papers from a hospital on which the attending physician indicated utility service is a necessity for the health and wellbeing of the baby?
- Comment 8: We believe that the “GAC Flow-Through Cell” design is fatally flawed. It is known that Granular Activated Carbon (GAC) “adsorbs” PFAS compounds. It is also known that GAC has a limited ability to adsorb PFAS. The GAC that is designed to fill wire baskets will have an unpredictable design life. When GAC breakthrough occurs, we can find no method that is proposed in this plan to adequately and safely clean out and replace the expired GAC from the cells in such a way to prevent large slug loads of PFAS or other contaminants from sluffing into the river and traveling downstream into our watersheds and drinking water system intakes.
- Comment 9: Why was there absolutely no mention or reference to any industry wide standards or “Best Management Practices” (BMPs) for the proposed corrective actions offered in this plan? BMPs are tried and true methods that have been determined to be the most effective and practical means of preventing or reducing non-point source

pollution to help achieve water quality goals. BMPs include both measures to prevent pollution and measures to mitigate pollution.

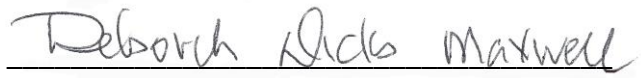
Comment 10: Why did you not perform risk and uncertainty analysis as part of this CAP? It would seem that by analyzing the risk and uncertainty of the probable outcomes of the key components of this CAP could lead to identifying ways in which the project could be made more robust and to ensure that the risks that remain are well managed.

Please know that we, the members of the NAACP Branches of Brunswick and New Hanover Counties, constantly strive to improve and empower the lives of the people we serve. For all of those that we serve and our members we ask for your kind consideration and actions on each of the comments that we have brought forward to you in this letter.

Sincerely,



Carl Parker, President
NAACP - Brunswick County Branch #5452
P.O. Box 364, Supply, NC 28462



Ms. Deborah Dicks Maxwell, President
NAACP - New Hanover County Branch #5424
PO Box 2199, Wilmington, NC 28402.

From: [Sen. Harper Peterson](#)
To: [Vaughn Hagerty](#)
Cc: [Jim Flechtner](#); [SVC DENR publiccomments](#); [Hicks, Joy A](#); [Rita Harris \(Sen. Harper Peterson\)](#); [Nunna, Shrikar](#)
Subject: [External] Re: CFPUA comments on Chemours" proposed CAP
Date: Saturday, April 4, 2020 9:53:19 AM

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Hello Vaughn:

Thank you for your comments and concerns and the study performed by Tetra Tech regarding Chemours' submitted CAP.

I am anxious to receive NCDEQ's response to your concerns.

Please know the seriousness with which I consider this ongoing saga of toxic discharge into our public waters, our air and our soils by Chemours, the complete compliance by Chemours of the Consent Order and the serious health impacts this situation continues to have on our populations downstream.

Anything I can do to help remediate these problem, please do not hesitate to contact me.

Sincerely,
Senator Harper Peterson

.

Sent from my iPad

On Apr 3, 2020, at 1:02 PM, Vaughn Hagerty <Vaughn.Hagerty@cfpua.org> wrote:

Attached are comments on Chemours' proposed Corrective Action Plan submitted by Cape Fear Public Utility Authority.

Vaughn Hagerty
Public Information Officer
Cape Fear Public Utility Authority
(P) 910-332-6704
(M) 910-264-8338
Vaughn.Hagerty@cfpua.org<<mailto:Vaughn.Hagerty@cfpua.org>>

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<CFPUA-CAP-Comments-4-3-2020.pdf>

From: donna.pritchett
To: SVC_DENR.publiccomments
Subject: [External] Chemours
Date: Saturday, April 4, 2020 8:30:27 AM

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I am writing in response to the latest development in the Chemours plant water contamination situation. Although I have not read the entire document presented by Chemours and their representatives, my understanding is that Chemours does not want to be financially responsible for cleaning up the groundwater that they contaminated. Although I don't live in the affected area this concerns me for the future of our state. If Chemours is allowed to get by with this, what could it mean for the future of North Carolina? My concern is that this sets a precedent for other manufacturers, industries, utilities, etc. in the future. If Chemours isn't held responsible, why should other companies be held responsible? I'm afraid for what this might mean for the environmental future of our great state.

Donna Pritchett

Sent from my Verizon, Samsung Galaxy smartphone

From: [Linda Gessner](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chem ours
Date: Saturday, April 4, 2020 6:19:44 AM

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Chem ours must pay for the pollution they caused to the water and land affected by their manufacturing and use of forever chemicals. They must also follow the laws in place to protect the lives and health of all the people affected by their carelessness. They are responsible for causing cancer in people and polluting rivers, streams and ground water. This is a must! Our legislators and elected officials must make them stop polluting and pay for all damages.
Sent from my iPhone

From: [A Graham](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours"
Date: Friday, April 3, 2020 8:24:04 PM

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I want to comment on this Chemours' of PFAS. It is frustrating and annoying to continue to hear something that has happened before in the past. Just drop the damn negativity and work on the positives. Start commenting on the positive things. At least the company has admitted and took actions to correct it. To be honest, the PFAS has been in the water forever. Has anyone died or ever proven to get sick from that? NO.....Humans will die from far more worse things than this PFAS chemical. So will you please stop with bs and began to promote the positivity?

My dad has worked for at the Fayetteville Works plant for over 30 years. He has a successful career as an electrical engineer and foreman electrician. That company has been great to my dad. He has worked for Flour Daniel, Dupont and other projects and now Chemours'. I am proud of my dad and there are alot of things he has made for the company. Just thing of the rubber protective film that you find in the windshields of vehicles that prevent it fromn cracking in an accident. I am proud to say my dad has worked in that plant. Even with the COVID-19 and virus and other economic struggles my dad still has a job and is supporting me and my mother. So without him having this job, my dad would be miserable and I would not have such a good life.

So for the last time, can you please drop the negativity?

I do not want my name, this email or this message to appear on any media outlet, newspaper, social network, tv network and or anything

Thank you

From: [Esther Murphy](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours is not above the law
Date: Friday, April 3, 2020 6:46:10 PM

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I demand the people who have poisoned my water be punished.
Death Penalty on Chemours and the owners, managers, all those
complicit in poisoning my environment.

Esther Murphy
New Hanover County, NC

From: [Joseph A. Ponzi](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Friday, April 3, 2020 4:16:22 PM
Attachments: EXECUTED - Holman - NCDEQ Letter re Comments on Chemours Corrective Action Plan 4814-6981-4457 v.1.pdf

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Please find attached this firm's comments on Chemours' Corrective Action Plan, as counsel for CFPUA. A hard copy is following by mail.

Joey

Joseph A. Ponzi [\[brookspierce.com\]](#), Partner



t: 336.271.2560

f: 336.232.9060

2000 Renaissance Plaza
230 North Elm Street
Greensboro, NC 27401
P.O. Box 26000 (27420)

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April 3, 2020

Sheila Holman
North Carolina Department of Environmental Quality
1601 Mail Service Center
Raleigh, N.C. 27699-1601
publiccomments@ncdenr.gov

Re: Cape Fear Public Utility Authority Comments on Chemours Corrective Action Plan

Dear Sheila:

We serve as litigation counsel for the Cape Fear Public Utility Authority (“CFPUA”) for the matters and claims arising from DuPont’s and Chemours’ illegal discharges of per- or polyfluoroalkyl substances (“PFAS”) into the Cape Fear River (the “River”) over the past four decades.

As appropriate under its authority and responsibilities, the North Carolina Department of Environmental Quality (“DEQ”) filed its Amended Complaint in the Superior Court of Bladen County, NC on April 18, 2018 (the “Amended Complaint”). The Amended Complaint which asserted that Chemours and DuPont had violated “North Carolina water quality laws and regulations arising out of the discharge or release of per- or polyfluoroalkyl substances into surface water, groundwater and air” from their Fayetteville Works Facility (“Facility”). The Amended Complaint alleges that DuPont and its successor Chemours knowingly discharged PFAS into the River, but failed to disclose the identity or magnitude of such man-made chemicals to DEQ, and thereby falsely obtained an NPDES Permit from DEQ, and discharged PFAS in violation of its NPDES Permit. Dupont, and later Chemours, knew that some of the PFAS it was discharging into the River was either toxic or potentially toxic to human health when consumed.

The allegations found in the Amended Complaint were consistent with CFPUA’s Request for DEQ Action dated June 19, 2017 and its Notice of Intent to Bring a Citizen Suit Against Chemours and DuPont dated August 3, 2017, as well as the allegations in the Complaint CFPUA and others had filed in the United States District Court for the Eastern District of North Carolina. Apart from the NPDES Permit violations noted above, Chemours’ and Dupont’s historic PFAS releases violated North Carolina’s prohibition against the discharge of deleterious or toxic substances in amounts injurious to public health and the surface waters of the State. 15A NCAC

2B .0208 and .0211. CFPUA therefore supported DEQ's action to enforce the statutes and regulations still being violated by Chemours.

CFPUA was caught by surprise on November 21, 2018, when DEQ, Chemours and the Cape Fear River Watch (the "River Watch") published a proposed Consent Order to resolve the alleged violations and sought comments from the public. On December 17, 2018 CFPUA filed specific objections to the Consent Order because the Consent Order did not appropriately address the PFAS historically released and currently being released from the Facility into the River and flowing with the River into CFPUA's Sweeney Water Treatment Plant CFPUA requested DEQ revise the Consent Order to provide CFPUA and its 200,000 customers protection from these harmful and deleterious PFAS and moved to intervene in the Superior Court action to protect its interest and those of its customers.

On February 25, 2019, prior to a hearing on CFPUA's Motion to Intervene, DEQ and Chemours, along with intervener River Watch moved the Court to enter a revised Consent Order which addressed some public concerns raised by CFPUA and others, but still did not address the inadequacies of the Consent Order to protect the rights, health and welfare of the downstream drinking water utilities (the "Revised Consent Order"). CFPUA noted that paragraph 20 of the Consent Order and the Revised Consent provide that Chemours had to ensure that all neighboring groundwater drinking wells (including public building systems) had to provide residents with a reliable supply of water that did not exceed 10 PPT (ng/l) of HFPO-dimer acid ("Gen X") and 11 other PFAS individually (which DEQ determined to be surrogates for all other PFAS) and 70 PPT (ng/l) collectively (the "Neighborhood Drinking Water Compliance Level") listed in Attachment C. This Neighborhood Drinking Water Compliance Level had to be maintained and operated at Chemours' cost for 20 years under paragraph 24(a) of the Consent Decree.

At the Hearing on whether to enter the Consent Order, DEQ and Chemours argued that actions Chemours had already taken and those actions to be taken under the Consent Order would greatly reduce the concentrations of PFAS in CFPUA's raw water in-take to a level consistent with the Neighborhood Drinking Water Action Level. CFPUA believes this line of argument was a significant factor in Court's decision to enter the Consent Order. However, this argument proved to be erroneous and to the detriment of CFPUA and the other downstream water users.

Pursuant to the Consent Order, Chemours prepared and submitted on August 26 of 2019 a study of the mass loading of PFAS originating from its Facility (the Mass Loading Study). CFPUA submitted comments on the inadequacy of this study, including a technical analysis of the underlying science by Tetra Tech Environmental Consultants. Tetra Tech pointed out that one of the fundamental flaws in the Mass Loading Study was that the modeling of the mass loading performed by Chemours was essentially based upon only two water sampling events near the Chemours Facility's discharge taken almost a year apart at significantly different river flows with later sampling showing a significant decrease in PFAS concentrations. In fact, CFPUA had already submitted to DEQ a spreadsheet of extensive water quality sampling taken at the Sweeney

Plant raw water in-take which clearly showed the individual and total concentrations of PFAS were significantly increasing after the February 25, 2019 Consent Order.

While DEQ and Chemours have taken only sporadic River water quality samples since the signing of the Consent Order, CFPUA at its own cost has taken samples on almost a weekly basis of the PFAS compounds in its raw water in-take located approximately 55 miles downriver from the Chemours Facility, and in its finished water being distributed after treatment in the Sweeney Plant. That sampling showed that PFAS concentrations in the finished water was similarly increasing in spite of efforts by CFPUA to operate the Sweeney Plant in a manner that would provide as much treatment as possible of PFAS, given Sweeney's current treatment technologies. CFPUA has continued to supply DEQ and Chemours with spreadsheets containing periodic updates of its sampling results. This substantial body of actual sampling data demonstrates that instead of decreasing, the concentration of PFAS compounds individually and collectively continued to increase and remain significantly higher than the levels DEQ and Chemours presented to the Court in support of the Consent Order and the Neighborhood Drinking Water Standard established in the Consent Order.

In addition, CFPUA has provided DEQ and Chemours with a chart showing the correlation between the River flow at the Sweeney Plant and the concentrations of PFAS entering its raw water in-take. The obvious result of the collection of this extensive data is that PFAS concentration increases when river flow decreases and decreases when river flow increases. The chart also demonstrates that when the River flow decreases below 10,000 gallons per minute, the concentration of GenX and all of the other PFAS in the Neighborhood Drinking Water Standard in both the raw water and the finished water exceed 10 PPT individually and 70 PPT collectively, the Neighborhood Drinking Water Standard. CFPUA has also presented DEQ with historical records of the River flow that demonstrates the River flow decreases from highs in winter months (which was the period of time used by DEQ and Chemours to convince the Court to sign the Consent Order) to lows in the summer months of each year so the phenomenon CFPUA experienced in 2019 will be the norm. As such, without the construction of an upgrade to the Sweeney Plant, CFPUA cannot provide its customers with drinking water below the Neighborhood Drinking Water Standard.

As discussed in Tetra Tech's Technical Review of Chemours' proposed Corrective Action Plan ("CAP"), Chemours was, pursuant to paragraph 11(a) and (d) of the Consent Order, obligated to perform quarterly "non-targeted analysis of all process and non-process wastewater and stormwater" for all identified PFAS compounds. The list of PFAS Compounds in CFPUA's spreadsheet hereto are all identified and subject to approved sampling methods. However, for much of its proposed CAP analysis, Chemours focuses only on managing the sole compound GenX or in some cases, the shortened list found in the Neighborhood Drinking Water Compliance Level, and Chemours ignores the remaining 33 identified compounds. Although paragraph 11 of the Consent Order requires Chemours to implement a study of the amount of PFAS in River sediment, no discussion of this source appears anywhere in the CAP. As Tetra Tech points out this is an extraordinary data gap because all parties know that the levels of PFAS discharged daily from the

Chemours Facility for a 30 year period prior to June of 2017 was hundreds of thousands PPT (ng/l) and there are almost certainly high levels of PFAS entrained in the sediment and erosional banks of the River.

In spite of CFPUA's comments and those of other parties, Chemours did not attempt to correct any of the errors the Mass Loading Report and simply used it as the basis for its CAP. However, the CAP is not really a Corrective Action Plan. As Tetra Tech's extensive discussion of the inadequacies of the CAP points out, the CAP suggests little and provides few compelling reasons for doing so little. For the most part, the CAP could be better described as a Corrective Inaction Plan. CFPUA has reviewed the Comments of the Cape Fear River Watch that were filed on April 2, 2020 and believes those Comments accurately describe the lack of action, both immediate and long-term, that Chemours proposes. The River Watch has the unique perspective of having helped DEQ and Chemours draft the Consent Order (as noted previously, the Consent Order came as a surprise to CFPUA) and understanding what the parties thought was the intent of the Consent Order and therefore, the total failure of Chemours to live up to what DEQ and the River Watch thought was intended. Combined with Tetra Tech's technical, scientific analysis, the River Watch Comments are a persuasive condemnation of a corporation's disregard for the health and safety of its neighbors in pursuit of immediate corporate profits.

From CFPUA's perspective, CFPUA believed that paragraph 12 of the Consent Order required Chemours to propose a plan in its CAP to accelerate reduction of mass loading in the downstream water utility in-takes. In fact, the CAP proposes to decelerate actions and study the situation for another five plus years. As noted above, that would mean another five plus years of PFAS concentrations in CFPUA's raw water intake and ultimately, its finished water—even assuming Chemours' long term efforts to reduce PFAS loading to the River are successful.

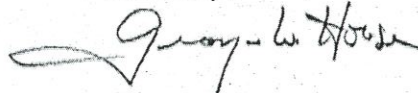
For CFPUA there is an immediate solution to protect its customers, the construction of the Granulated Activated Carbon treatment upgrade that Black & Veatch has designed and is now under construction. CFPUA had no illusions about the Consent Order as now written and what it anticipated Chemours would proposed to assist the downstream water users.

DEQ brought its lawsuit against Chemours and entered the Consent Order under its authority set forth in N.C. Gen. Stat. § 143-215.6C. Under that statute, DEQ has the right and the duty "to prevent or abate" Chemours' water quality violations arising from its historic releases of PFAS. However, the CAP fails to abate the impacts of those releases suffered by CFPUA. CFPUA believes DEQ and the River Watch should seek to amend the Consent Order and require Chemours to provide CFPUA with the same safeguards at its Sweeney public Drinking Water Treatment System and its Aquifer Storage and Recovery system as provided by the Neighborhood Drinking Water Compliance Level, i.e. pay for the equipment necessary to consistently provide for no more than 10/70 ng/l water quality not just for the 12 PFAS listed in Attachment C of the Consent Order, but all PFAS identified in Chemours' (and DuPont's and Kuraray's) releases to the air, surface water and groundwater. CFPUA has advised Chemours of the capital cost and the additional

Sheila Holman
North Carolina Department of Environmental Quality
April 3, 2020
Page 5

operating cost of for each of these public facilities. Compared to the grand estimates of cost set forth in the CAP for future studies and potential corrective actions, these costs are rather small.

Sincerely,

A handwritten signature in black ink, appearing to read "George W. House". The signature is fluid and cursive, with a large initial "G" and a long horizontal stroke extending to the left.

George W. House

GWH/clv

cc: Jim Flechtner
Bill Lane

From: [Vaughn Hagerty](#)
To: [SVC_DENR.publiccomments](#)
Cc: [Jim Flechtner](#); [Senator Bill Rabon](#); [Harper.Peterson@ncleg.net](#); [Deb.Butler@ncleg.net](#); [Rep. Ted Davis](#); [Holly.Grange@ncleg.net](#)
Subject: [External] CFPUA comments on Chemours" proposed CAP
Date: Friday, April 3, 2020 1:01:37 PM
Attachments: [CFPUA-CAP-Comments-4-3-2020.pdf](#)

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Attached are comments on Chemours' proposed Corrective Action Plan submitted by Cape Fear Public Utility Authority.

Vaughn Hagerty
Public Information Officer
Cape Fear Public Utility Authority
(P) 910-332-6704
(M) 910-264-8338
Vaughn.Hagerty@cfpua.org

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James R. Flechtner, PE
Executive Director
235 Government Center Drive
Wilmington, NC 28403
910-332-6625
jim.flechtner@cfpua.org

April 3, 2020

Sheila Holman
N.C. Department of Environmental Quality
1601 Mail Service Center
Raleigh, North Carolina 27699

Re: Chemours Corrective Action Plan

Dear Ms. Holman,

Cape Fear Public Utility Authority remains concerned about discharges of PFAS to the Cape Fear River from the Chemours site. We and our consultants have reviewed the Corrective Action Plan Chemours submitted on December 31, 2019 under terms of the 2019 consent order.

More than a year has passed since the approval of the consent order meant to address Chemours' widespread PFAS contamination. At the time, CFPUA expressed concerns that measures outlined in the consent order seemed insufficient to effectively and consistently address PFAS levels in the Cape Fear River, source of 80 percent of our community's drinking water. We were assured by those who signed the consent order that these concerns were unfounded. Just wait, we were told, and PFAS concentrations in the Cape Fear would begin to decrease.

It's going on Year Two of the consent order, and we're still waiting. Our regular monitoring of raw and finished water has not shown this promised sustained decrease in PFAS. Instead, PFAS levels increased throughout most of 2019 – spiking as high as 377 parts per trillion and often remaining above concentrations that, when detected in wells in Bladen or Cumberland counties, trigger immediate, unambiguous remedies by Chemours.

CFPUA staff have spent the last several months evaluating the 1,835-page Corrective Action Plan (CAP) proposed by Chemours to address PFAS in surface water and groundwater resulting from a long history of releases at its chemical manufacturing plant on the Bladen-Cumberland county line. CFPUA's review was supplemented by analysis provided by expert contractors, whose reports are provided with these comments. Detailed comments are being submitted separately by CFPUA's attorneys.

What we find in the CAP are promises to attempt to reduce PFAS loading in the Cape Fear River sometime in the next five years or more from Chemours, a company that, along with its creator DuPont, spent almost four decades making a profit while quietly releasing these same PFAS. We find promises based on untested models and models built with inconsistent, incomplete data, confounding attempts at independent verification. We find several obvious, significant sources of contamination ignored or set aside because addressing them would cost too much or otherwise be too difficult for the company responsible for this contamination. We find gaps in calculations of the potential risks to human health posed by Chemours' pollution. Overall, for the hundreds of thousands of people who rely on CFPWA for drinking water, we find this plan falls far short of the actions needed to meaningfully correct the damages done by Chemours and DuPont.

Chemours promises to reduce PFAS loading in the Cape Fear River by 79 percent, yet the implementation schedule for these measures clearly shows that almost two-thirds of this promised reduction won't be realized for four to five years, at best. Chemours has made much of the \$100 million-plus thermal oxidizer it says went online at the end of 2019 and features it prominently in the CAP. Yet, for all the fanfare, the thermal oxidizer apparently provides miniscule benefit to downstream water users, contributing less than 2 percent of the PFAS reduction in the Cape Fear River promised by Chemours, according to the CAP.

The CAP waves away or ignores a number of important pathways for PFAS loading to the Cape Fear River. No mitigation efforts are proposed to address PFAS in the more than 50 miles of river sediment between Chemours' outfall and CFPWA's raw water intakes at Kings Bluff. No mitigation efforts are proposed for Willis and Georgia creeks, which carry PFAS into the Cape Fear River. No remediation efforts are proposed for the 70-plus square miles of groundwater around the Fayetteville Works that Chemours estimates it has contaminated.

In the CAP, Chemours has applied a variety of analytical methods in its monitoring of PFAS contamination. In some instances, it used a "Table 3+ PFAS" method, which can analyze for 20 compounds specific to the site. In other cases, different methods were applied, including some where only GenX was analyzed. The consent order, however, states that sampling is to be conducted for all PFAS for which test methods and lab standards have been developed. The rationale behind Chemours' choice of methods is not entirely clear. This inconsistency makes any review of Chemours' data difficult, and narrowing the focus to a few or just one substance likely results in gross underestimations of the extent of Chemours' contamination.

High levels of PFAS have been detected just beyond the process water outfall from the operations of another tenant at the Fayetteville Works site, Kuraray ("Outfall 002 Assessment," Geosyntec, August 26, 2019). Chemours has suggested this might have been caused by sediment clogging sampling equipment. The CAP also theorizes that a terracotta pipe conveying wastewater may be leaking. We urge NCDEQ to scrutinize discharges from Kuraray and from DuPont, which also have operations at the site. After all, both companies continue to discharge their process wastewater into the Cape Fear River.

We also would urge NCDEQ to regularly confirm Chemours' PFAS analysis by requiring that samples be split, so that results can be validated at an independent laboratory.

The CAP often relies on an assessment, contained in Attachment F, that levels of PFAS at various points of exposure pose no risk to human health. Crucial gaps exist in the analysis that led to this assessment.

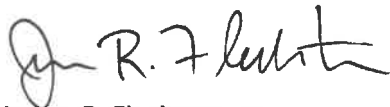
For example, it did not consider exposure in fetuses during pregnancy, infants, and lactating women. And, as is the case with other portions of the CAP, data related to specific PFAS and the extent of PFAS contamination are inconsistent and/or incomplete.

Since 2017, NCDEQ has initiated a number of important regulatory actions to force Chemours to address the damage caused by its and DuPont's PFAS releases. Nevertheless, relief outlined in Chemours' CAP for the almost 200,000 people who rely on water treated at Sweeney Water Treatment Plant consists largely of vague, difficult-to-assess promises of PFAS reductions to be realized years into future.

Enclosed are reports prepared by Tetra Tech and Dr. Jamie DeWitt regarding the latest CAP submittal.

We trust DEQ will continue to take this matter seriously and take steps to hold Chemours accountable for the damages they have caused to downstream communities.

Regards,

A handwritten signature in black ink, appearing to read "James R. Flechtner". The signature is fluid and cursive, with the first name "James" and last name "Flechtner" clearly legible.

James R. Flechtner, PE
Executive Director

Enclosures

Technical Review of Cape Fear River PFAS Corrective Action Plan for Cape Fear Public Utility Authority (CFPUA)

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PREPARED FOR

Cape Fear Public Utility Authority

235 Government Center Drive
Wilmington, NC 28403

PREPARED BY

Tetra Tech

One Park Drive, Suite 200
PO Box 14409
Research Triangle Park, NC 27709
Tel 919-485-8278
Fax 919-485-8280
www.tetrattech.com



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1.0 EXECUTIVE SUMMARY

This report is a technical review of the Corrective Action Plan (CAP; Geosyntec, 2019a) for remediation of per- and polyfluoroalkyl substances (PFAS) discharged by the Chemours Company Fayetteville Works facility. Comments regarding the technical soundness of the assessments presented in the CAP and critical gaps are discussed in Section 3.0. The main concerns relevant to the Cape Fear Public Utility Authority's (CFPUA) downstream raw water intake are summarized below. Based on the information provided and information lacking, the adequacy of the modeling and CAP cannot be judged.

- The CAP and past reports use an **inconsistent application of PFAS analyte groups** for monitoring, loading analyses, and remediation planning (Section 3.1 #1). It is stated that, except for HFPO-DA, Modified EPA 537 method PFAS do not originate from onsite manufacturing; however, this is inconsistent with some process water samples presented in Characterization of PFAS in Process and Non-process Wastewater and Stormwater Quarterly Report #1 (Table 4, Location ID 16). Loads from the Modified EPA 537 method PFAS are excluded from the mass balance model. As a result, the model may underestimate PFAS loading from the site that impacts downstream water quality.
- The CAP **does not clearly define a baseline period**. The PFAS Loading Reduction Plan and CAP are also missing important information; relative contributions are presented by transport pathway, however, flows, concentrations, and loads to the river (mass of total PFAS per time) are not specified. Without a clear definition of the baseline period and loads, results could be interpreted in a manner that misrepresents progress and the effectiveness of remediation strategies (Section 3.1 #2).
- Multiple **technical issues related to the numerical groundwater model** are discussed in Section 3.1 #7 and Section 3.2 #2 that raise questions about the validity of the model and simulated remediation strategies. The model lacks a validation period to establish the robustness of the calibration. The report does not provide a rationale for the selection of proposed remedies and, based on the limited information provided, it is uncertain if the strategies will effectively capture and treat the PFAS-contaminated groundwater plumes.
- The onsite treatment strategies described in the CAP **neglect components of onsite pathways that may continue to contribute PFAS to the river** (Section 3.2 #1). The strategy specified for Old Outfall 002, for example, targets dry weather flows for treatment and excludes the treatment of wet weather flows that have the potential to transport contaminated sediment to the river. No creek-specific controls are planned for Willis Creek and Georgia Creek and no treatment plans are described for the newly identified seeps (E to M) south of the site. The effectiveness of the proposed treatment measures is uncertain and cannot be evaluated from the material provided in the CAP.
- There is a gap regarding the extent, magnitude, and **loading of PFAS from offsite contaminated soils and groundwater** that could act as long-term sources of PFAS to the river, continuing to impact the quality of raw intake water for CFPUA (Section 3.2 #1 and #4). PFAS contamination from Chemours has been detected in an area of 70 square miles (or more) surrounding the facility. However, because of the extent of the contamination, lack of scalable remediation technologies, and because no groundwater standards have been issued, it is claimed in the CAP that restoring groundwater conditions to PQLs is not feasible, which does not seem to comply with 2L Rules as required by the CO (paragraph 16). PFAS contamination of sediment in the bed and riparian wetlands of the river also remains uncertain. A comparative PFAS loading assessment just downstream of the site and at the CFPUA raw water intake is needed to evaluate offsite loading contributions to the river.

2.0 BACKGROUND

Chemours Company submitted the Cape Fear River PFAS Corrective Action Plan (Geosyntec, 2019a) to the North Carolina Department of Environmental Quality (NCDEQ) and Cape Fear River Watch (CFRW) on December 31, 2019, in response to the Consent Order (CO) entered by the Bladen County Superior Court (paragraphs 11.1 and 12) on February 25, 2019. The CO was issued regarding emissions and discharges of PFAS, including HFPO-DA and the ammonium salt of HFPO-DA, which has the trade name of GenX®, from the Fayetteville Works facility. GenX is used to manufacture high-performance fluoropolymers. GenX replaces the ammonium salt of perfluorooctanoic acid (PFOA), which was phased out of production in 2009 because PFOA is persistent in the environment, bioaccumulates, and is toxic. At that time the Fayetteville Works facility was owned and operated by E.I. du Pont de Nemours and Company (DuPont). The Chemours Company was founded in July 2015 as a spin-off from DuPont.

In 2009 EPA authorized the manufacture of GenX; however, EPA also issued an order that required DuPont to capture new chemical substances from wastewater effluent and air emissions at an overall efficiency of 99 percent (premanufacture notice numbers P-08-508 and P-08-509). News broke regarding elevated levels of GenX and PFAS in the Cape Fear River in 2017 – spurring further environmental investigations and facility inspections. Shortly thereafter, NCDEQ filed a Complaint alleging violations of Title 15A of the North Carolina Administrative Code Subchapter 02L .0202 Groundwater Quality Standards due to evidence of PFAS discharges by Chemours and DuPont, ultimately leading to the CO.

The Fayetteville Works facility is in Bladen County, North Carolina, on the west side of the Cape Fear River just upstream of the William O. Huske Lock and Dam (Lock and Dam #3). The facility includes two Chemours manufacturing areas, the Monomers IXM area and the Polymer Processing Aid Area (PPA area), as well as an onsite process wastewater treatment plant (WWTP) and power area (Geosyntec, 2019b). Manufacturing areas on the facility grounds are leased to Kuraray America Inc. for Butacite® and SentryGlas® production and to DuPont for polyvinyl fluoride (PVF) resin manufacturing.

The Chemours Fayetteville Works facility is located about 55 miles upstream of the Kings Bluff water intake on the Cape Fear River where the Cape Fear Public Utility Authority (CFPUA) withdraws water for treatment and potable use distribution. Elevated levels of PFAS have been observed in both the raw source water from the Cape Fear River and finished water at the CFPUA's Water Treatment Plants (WTPs). Traditional water treatment processes do not successfully remove GenX and other PFAS (Hopkins et al., 2018). The effectiveness of currently implemented and proposed PFAS pollution control strategies adopted by Chemours directly impacts the quality of CFPUA's intake water and community exposure to these substances.

Chemours submitted the Cape Fear River PFAS Loading Reduction Plan (Geosyntec, 2019b) in August 2019 and CFPUA engaged Tetra Tech to conduct a technical review of the report (Tetra Tech, 2019). The review evaluated the technical soundness of the modeling, the reasonableness of the assumptions applied in the analyses, the reasonableness of the proposed strategies for reducing PFAS loads, identified critical gaps, and recommended additional studies related to reducing PFAS loads. Comments most pertinent to CFPUA's downstream water intake included the lack of groundwater data, insufficient extents and lack of information about the extent, magnitude, and impact of offsite groundwater and soil contamination, lack of information necessary to characterize PFAS contamination in the sediment of the riverbed and riparian wetlands, and lack of information regarding the effectiveness of the proposed treatment measures.

A technical review of the CAP is presented in this report. The CAP describes site information, recent receptor monitoring details, a numerical hydraulic groundwater model, PFAS signatures source assessment, recent corrective actions summary, human health and ecological exposure and hazard assessments, proposed remediation activities by source pathway, and performance monitoring plans. The appendices relevant to the fate and transport of PFAS in the environment were also reviewed. This includes Appendix A - On and Offsite Assessment Tables; Appendix B - Additional Corrective Action Plan Tables and Figures; Appendix C - K_{ow} , K_{oc} and Mass Distribution Calculations; Appendix D - Southwestern Offsite Seeps Assessment; Appendix E - PFAS Signatures Assessment; and Appendix H - Numerical Groundwater Modeling Report. CFPUA plans to collaborate with expert Dr. Jamie Dewitt for elements related to human exposure and toxicity, as described in Appendix F - Human Health Screening Level Exposure Assessment of Table 3+ PFAS. The ecological assessment, discussed in Appendix G – Ecological Screening Level Exposure Assessment of Table 3+ PFAS, and Appendix I – Detailed Costs were not reviewed as part of the technical assessment described in this report.

3.0 TECHNICAL REVIEW

Key comments from the technical review of the CAP and supporting appendices are discussed in the following sections. The adequacy of the modeling and CAP cannot be evaluated due to the reasons summarized below.

3.1 TECHNICAL SOUNDNESS

This section summarizes concerns regarding the technical soundness of data and analyses cited to support conclusions in the Cape Fear River PFAS CAP and supporting appendices.

1. Information provided in the quarterly reports indicate that monitoring conducted aligns with specifications in the approved monitoring plan. However, results from the PFAS monitoring tests are inconsistently applied in the assessments. On page xii of the CAP, it states “The PFAS that originate from the Site are referred to as Table 3+ PFAS. The Table 3+ analytical method was developed to analyze PFAS specific to the Site that were identified through non-targeted chemical analyses. Currently, the Table 3+ method can quantitate for 20 PFAS compounds including HFPO-DA, i.e., “GenX”. When examining PFAS at the Site, the sum of these compounds, i.e., total Table 3+ PFAS compounds, is often used to evaluate trends and distributions.” However, in some analysis components Table 3+ PFAS are applied, in other components the assessment is limited to HFPO-DA, and sometimes Modified EPA Method 537 compounds are evaluated. This inconsistency hinders comparison between sources and components of the study (i.e., not always apples-to-apples). Example instances and impacts of this are described below.
 - The CO specifies the PFAS to be monitored for public drinking water and private wells (paragraphs 19-21 and 24) in Attachment C. According to paragraph 11 in the CO, ongoing sampling for process and non-process wastewater and stormwater at the facility is to be conducted for “all” PFAS for which test methods and lab standards have been developed, although these are not explicitly listed. The results described in the quarterly reports seem to include the Table 3+ PFAS and Modified EPA 537 PFAS for most sites, which matches specifications in the monitoring plan. Chemours claims that the Modified EPA 537 PFAS (excluding HFPO-DA) did not originate from the site as these were

already present in the intake water. Modified EPA 537 PFAS other than HFPO-DA are assigned a concentration of zero for onsite transportation pathways in the PFAS mass loading model. However, based on analytical results from the April 2019 monitoring event described in Chemours' first quarterly report, other PFAS (e.g., Perfluoropentanoic Acid) were found in process water from the Chemours Monomers IXM Area (site 16, page 3 of Table 4) at much higher concentrations than found in the background/intake water (later monitoring reports do not include samples from process wastewater). This suggests that some of the other Modified EPA 537 PFAS may originate from manufacturing on the site, but Modified EPA 537 PFAS (except for HFPO-DA) are excluded from the mass loading model and assessments discussed in the CAP (e.g., PFAS signatures). Therefore, it is unclear if the approach abides by the CO requirements and if the approach characterizes PFAS loads from the site accurately. Monitoring results, such as those from onsite and offsite groundwater wells, indicate that the relative proportions of PFAS compounds vary spatially, thus, it cannot be assumed that evaluating HFPO-DA in isolation is representative of other/total PFAS as has been assumed for atmospheric deposition modeling.

- Table 3+ and Modified EPA 537 PFAS methods exclude two PFAS listed in Attachment C of the CO, PFMOPrA, and PFMOBA, which are isomers that have the same chemical formulae as PMPA and PEPA, respectively, but have different chemical structures and CASN numbers. PFHpA listed in Attachment C is not included in the Table 3+ method, although it is included in the Modified EPA 537 method. Monitoring and assessments that are limited to Table 3+ PFAS exclude PFMOPrA, PFMOBA, and PFHpA from Attachment C of the CO.
2. Throughout the report and appendices, reduction targets are expressed as a relative percent reduction compared to an undefined baseline period. Appropriate quantification of the reductions achieved with the implementation of treatment technologies requires a clear definition of the baseline period and associated baseline loads for each PFAS transport pathway. In both the CAP and PFAS Loading Reduction Plan, baseline loading rates have not been specified; instead, relative percent contributions from the various onsite transport pathways are described (e.g., 22 percent for onsite groundwater in May 2019 as listed in Table 7 in the CAP). Without a clear definition of the baseline period and loads, results could be interpreted in a manner that misrepresents progress. For example, monitoring data from a single day were extrapolated to generate an annual HFPO-DA load. The river flow that was applied to estimate the load for 2019 was less than one-third of the river flow applied for 2017. This caused an overestimation of the reported reduction in loading to the Cape Fear River that was described in the technical review report for the PFAS Loading Reduction Plan. It is recommended that a) a clear and consistent baseline period is defined and b) for past and future monitoring events, that the flow, PFAS concentration, and load associated with each transport pathway should be presented.
 3. Reductions for aerial deposition were estimated for HFPO-DA and the report states there are "expected comparable reductions for other PFAS", although information to justify this important assumption is lacking (e.g., measured pollutant removal efficiencies for other PFAS through the application of air control technologies). Indeed, differences in adsorption and volatility characteristics among PFAS compounds suggests that rates will differ. Previous comments regarding the atmospheric deposition modeling described in the technical review of the PFAS Loading Reduction Plan do not appear to have been addressed and, thus, remain a concern.

4. Although the analysis time period is not specified in the CAP, historical process water releases are estimated to account for 76 to 86 percent of the Table 3+ PFAS detected in the Cape Fear River with the remainder coming almost entirely from historic air emissions (14 to 24 percent). This implies that no significant loading of Table 3+ PFAS to the river originates from other background sources, although information is not presented to justify this assumption. As described in other comments, only the relative percent contributions are listed and actual load estimates are not presented (i.e., in mass of PFAS per time interval). It is also important to determine how both the magnitude and relative contributions of PFAS loads have shifted over time in response to halting releases of process water in 2017 and subsequent implementation of other control measures.
5. Figure 3 in the CAP shows the total Table 3+ PFAS mass distribution in a normalized volume of the unsaturated and saturated soil zones (kg/m^3). For several of the assessed locations (11 of 18), a result is not shown for the unsaturated zone because no Table 3+ compounds were detected (Table C-3); however, the text does not specify the detection limit.
6. The PFAS signatures assessment component of the CAP evaluated the make-up and distribution of PFAS compounds in onsite and offsite groundwater. Two main categories identified included 1) aerial deposition PFAS signature from emissions to air and 2) combined process water PFAS signature from historic releases of process water to soil and groundwater. The latter signature is only detected onsite, affects approximately 1 square mile, exhibits Table 3+ PFAS concentrations of 2,900 to 18,000,000 ng/L onsite, and is estimated to contribute 76 to 86 percent of Table 3+ PFAS loading to the river. The former (aerial) signature is detected on and offsite, affects >70 square miles, exhibits lower Table 3+ PFAS concentrations (15 to 13,000 ng/L onsite and 10 to 4,500 ng/L offsite) and is estimated to contribute 14 to 24 percent of Table 3+ PFAS loading to the river. Comments related to the PFAS signatures assessment are summarized below:
 - o Three PFAS signatures were established for aerially deposited PFAS from a hierarchical cluster analysis. These include 1) predominantly PMPA (perfluoromethoxypropyl carboxylic acid); 2) predominantly HFPO-DA (hexafluoropropylene oxide dimer acid); and 3) mixed PMPA and HFPO-DA. Another signature, predominately PFMOAA (perfluoro-1-methoxyacetic acid), is described to be the signature representative of process water contamination. A physical/chemical/geological explanation for the distribution of the signatures is missing and a discussion regarding the interactions and transformations of PFAS (precursors to degradation resistant PFAAs (perfluoroalkyl acids) via abiotic or biotic mechanisms) over time is lacking, although the report generically states that transformation of most PFAS substances in the environment is negligible. For example, why is PFMOAA primarily associated with process waste contamination? Are there atmospheric transport mechanisms that influence the distribution of the aerial signatures? The rate at which rainfall scours a substance from the air will vary according to the Henry's law constant, which varies across the PFOA/PFOS substances in Appendix G, however, the CAP does not describe this phenomenon (note that the Table 2-3 in Appendix G lists the Henry's law constants and includes a footnote stating the estimates originate from the CAP, but that does not appear to be correct). This contradicts previous statements that claim atmospheric deposition modeling of HFPO-DA is directly applicable to other PFAS. What other biogeochemical transformations in the environment influence the distribution of the aerial signatures?

- The thresholds used to differentiate the signatures (e.g., what constitutes an aerial mixture signature versus a predominately PMPA or HFPO-DA aerial signature) is vague and should be explicitly described.
 - The signatures assessment did not attempt to distinguish the portion of the PFAS signatures attributed to background, or non-Chemours, sources (e.g., biosolids applications, fire response chemicals, atmospheric deposition from other regional or global sources).
 - The report does not describe how the findings from the signature assessment will inform future studies and remediation efforts.
 - We suggest that the analysis could be improved and clarified through the application of a fugacity analysis with a model such as QWASI (Mackay et al., 1983) to determine the likely theoretical distribution of compounds of interest between air, soil, and water (e.g., Kong et al., 2018).
7. To simulate groundwater hydraulics, an EVS geologic model (seven hydrostatic and heterogenous units) and a FEFLOW 3D finite element groundwater model were developed for the site. Comments regarding the development and calibration of the numerical groundwater model (Appendix H) include:
- As noted in the numerical groundwater modeling report, the subsurface hydraulic conductivity (K) values listed in Table 2 for the Surficial and Black Creek aquifers are well outside of the typical range presented in Table 1. Anomalous K values would have implications for the estimation of groundwater discharge and pumping rates. Were calibrations attempted with lower K values and, if so, what were the outcomes? Also, the model sensitivity test ranges for K (± 20 percent) appear low given the modeled versus typical range values presented in the report. Were the much higher K values derived from the groundwater model calibration subsequently incorporated into the contaminant mass loading estimates that were generated separately? If not, the mass loading flux to the river due to groundwater discharge may be significantly underestimated.
 - The numerical groundwater modeling report describes the data source for specifying the upper layer boundary (site precipitation and evapotranspiration estimates for the Mid-Atlantic Coastal Plain from USGS) but does not present the initial rainfall recharge rates used in the model. It is inferred from the wording that these served as initial rates that were adjusted during the model calibration, however, the final calibrated rates are not provided. On page 12 it is stated that the final hydraulic parameters are provided in Table 3, although Table 3 instead lists the final calibration statistics for the three zones (Perched Zone, Surficial Aquifer, and Black Creek Aquifer), not the hydraulic parameters.
 - It is stated that localized anthropogenic stormwater recharge (a second upper layer boundary in addition to rainfall recharge described in the previous bullet) and historic infiltration from previously unlined sedimentation basins is included in the top boundary condition. The sedimentation basins have been lined so it is unclear why the basins are assumed to contribute infiltration water to the Perched Zone for the simulation period of October 2019. In addition, the rate is presented as 80,000 GPD and this should be correspondingly presented as a depth-based rate (e.g., inches per day/month).
 - Bluff seep discharge rates were evaluated but the report lacks presentation of performance metrics. Based on the information provided (Table 6.2), the model underpredicts Cape Fear River bluff seeps by about 88 percent and overestimates Old

Outfall 002 flow by 60 to 140 percent (range provided for measured/estimated flow). Therefore, the model seems to provide a weak correlation of these outflow features although the implications are not discussed.

- It is not clear from the numerical groundwater modeling report and CAP whether the onsite seeps originate from the perched zone, surficial aquifer, or both – this is important information for the development of a groundwater remediation strategy. It is also unclear what groundwater flow unit the offsite seeps described in Section 3.5 of the CAP discharge from.
- There is no quantification of the groundwater flux into the river from each of the groundwater flow units included in the model. Such fluxes should inform the basis for developing groundwater extraction and treatment scenarios.
- The daily median water elevation for the Cape Fear River measured at the W.O. Huske Dam is used to set the hydraulic head for the eastern boundary condition. It is not stated if this is the median water elevation for October 2019 or another period, although the former is preferable for the steady-state application described.
- On page 13 it is stated that an overall error of 10 percent or less is considered acceptable for the intended application (although no reference is provided) and that the groundwater model achieves this target (overall and for the Surficial and Black Creek Aquifers). Contradictorily, the calibration resulted in a Normalized Root Mean Square (NRMS) error of 12.5 percent for the final groundwater model (Table 5). Therefore, the calibration effort did not achieve the target performance metric. Additional information regarding model performance and justification that the calibrated model is acceptable is needed. For example, it would be preferable to report performance metrics (such as NRMS) for each borehole calibration site to assess spatial variability in model performance. NRMS errors are presented for the three vertical zones, and the error for the Perched Zone is quite high, 25.2 percent – it is noted that additional calibration efforts may be required to improve the representation of hydraulics in this zone. It is also stated that the calibrated FEFLOW model meets the requirements of the NCDEQ 2007 Groundwater Modeling Policy, however, these are not presented or discussed. The first step in the guidance (Define Study Objectives) is not addressed – specific and detailed objectives are called for in the guidance but not provided in the modeling report, although these are critical for producing a technically sound and appropriate model.
- The model was calibrated for steady-state conditions in October 2019. It would be preferable to complete a model validation using monitoring and conditions from an alternative period to demonstrate that the calibrated parameters are robust and the model responds correctly to different conditions. This is important because, as discussed in Section 7, the model was run for a forecast period of 1 year for the purpose of evaluating remedy scenarios given that conditions vary throughout the year (e.g., precipitation and recharge, boundary condition hydraulic heads including the Cape Fear River).
- The rationale and logic behind the selection of remedy simulations is missing. The scenario set should be identified based on clear objectives and technical/hydrogeologic analysis. In Section 5.4 of the CAP, it is stated that the hydraulic containment objectives are presented in Table 8, however, the table lists a summary of the six predictive simulations without describing the objectives. For example, no information is provided about:

- The groundwater discharge rates to the river under ambient conditions from each hydrogeologic unit, which would be necessary to establish the minimum required pumping rates for plume capture.
 - The expected unit-specific maximum sustainable pumping rates for extraction wells based on hydrogeologic analyses and calculations.
 - The hydrogeologic units from which the extraction wells draw water. Is it just the Black Creek Aquifer or are the wells screened across the Surficial Aquifer too?
 - Capture zone calculations for wells in the initial well placement scheme.
 - The rationale behind groundwater extraction rates being selected for the different scenarios. For example, there is a scenario with 41 wells pumping at 20 gpm each (820 gpm total) and another with 31 wells pumping at 30 gpm (930 gpm total), although the Black Creek Aquifer groundwater discharge for each scenario is presented as 1551 gpm. If the pumping scheme extracts substantially less groundwater compared to the discharge rate, then the entire plume will not be captured.
- There is no information provided regarding the locations of the extraction wells nor the constraints on the placement of the extraction wells in Appendix H or Section 5 of the CAP. Shifting the wells back from the river will alter capture processes and impact the assessment of feasibility. The groundwater units that the extraction wells will capture water from is not clear in the documentation. Comparisons are made for the Black Creek Aquifer. It is unclear if the perched and surficial aquifers are also targeted.
 - It is not clear what is represented in column 5 of Table 7, labeled “Black Creek Groundwater Capture Flow into the Cape Fear River – By Simulated Pumping (GPM)”. Manipulating the numbers in the other columns does not shed light on what the value is supposed to represent.
 - It is unclear where the flow diverted by the groundwater barrier will go (e.g., will groundwater reemerge downstream of the wall terminus?). This should be described. It remains uncertain if a groundwater barrier to limit interactions between onsite contaminated groundwater and the Cape Fear River would be feasible and effective.
8. Comments related to the measured and calculated partition and mass distribution coefficients (Appendix C and Section 3.7 of the CAP) include:
- In Section 3.7 it is stated that detailed calculations for the mass estimates are provided in Appendix C, however, Appendix C describes the process but does not include sufficient data/spreadsheets to verify the calculations.
 - In this appendix, Log K_{ow} values were used to derive Log K_{oc} values for various PFAS compounds. Contradictorily, in the 2018 Interstate Regulatory Technology Council (IRTC) guidance document “Naming Conventions and Physical and Chemical Properties of Per- and Polyfluoroalkyl Substances” it specifically states that “It should be noted that although the K_{ow} for some organic contaminants can be used for estimating K_{oc} , this cannot be performed for estimating values for PFAS”. This calls into question the technical approach used in Appendix C and the results obtained.
 - For HFPO-DA, the Table C-2 Log K_{oc} value is 1.1, while in Table 2 of the CAP it is 1.69. Which (if either) of these is correct and used for the calculations?
 - Throughout Table C-2, as the Log K_{ow} increases, the Log K_{oc} increases as well. This is true except when comparing PFBA and PFPeA – what is unique about these compounds? The specific calculations are not provided for review and evaluation.

9. In the monitoring well redevelopment and resampling section, it is stated that 17 wells were redeveloped onsite, and 45 wells were resampled onsite based on recommendations issued in the Onsite and Offsite Assessment Report. The CAP does not provide summary level statistics for the groundwater monitoring effort, which would be very informative (e.g., mean and range of concentrations observed).
10. As described in the updated PFAS characterization sampling plan for process and non-process wastewater and stormwater, the raw intake point onsite is used to characterize background PFAS levels. However, water from the Cape Fear River at the intake point may be influenced by legacy atmospheric emissions and contaminated groundwater attributable to the site. Samples collected further upstream are needed to better characterize background PFAS concentrations.

3.2 CRITICAL GAPS

1. Concerns regarding the planned strategies to meet the cleanup goals described in Table 10 in the CAP include:
 - **Old Outfall 002.** The cleanup goal and proposed capture and treat strategy are solely designed to handle dry weather flows, thus, wet weather flows that may facilitate erosion of contaminated sediment are excluded. Based on the three 2019 monitoring events (May, June, and September), the relative contribution of Old Outfall 002 is estimated to be 26 percent of the total onsite PFAS load to the Cape Fear River. In Table 14, 26 percent of the planned loading reduction to the Cape Fear River is attributed to the capture and treatment of Old Outfall 002. This implies that 100 percent of PFAS will be treated by 2020 for the outfall, which conflicts with only targeting groundwater with the process wastewater signature.
 - **Willis Creek and Georgia Creek.** Indirect air abatement controls and onsite groundwater remedies are listed as strategies, but no creek specific controls are planned (e.g., removal of PFAS elevated sediment, flow capture and treatment).
 - **Onsite Groundwater.** The cleanup goal for groundwater describes mitigation of PFAS with a process water signature, thus, inherently excluding remediation of onsite groundwater exhibiting an aerial deposition signature. As shown in Figure 2, some of the groundwater wells onsite exhibit the latter. Based on the three 2019 monitoring events (May, June, and September), the relative contribution of onsite groundwater is estimated to be 18 percent of the total onsite PFAS load to the Cape Fear River. In Table ES2, 18 percent of the planned loading reduction to the Cape Fear River is attributed to onsite groundwater treatment. This implies that 100 percent of PFAS in groundwater will be treated by 2024, which conflicts with only targeting groundwater with the process wastewater signature.
 - **Offsite Groundwater and Offsite Soils.** It is stated that PFAS contamination has been detected in an area of 70 square miles (or more) surrounding the facility. However, because of the extent of the contamination, lack of scalable remediation technologies, and because no groundwater standards have been issued, it is claimed in the CAP that restoring groundwater conditions to PQLs is not feasible. A lack of management of offsite pollution does not seem to comply with 2L Rules as required in the CO Paragraph 16. It is also stated that PFAS are not expected to degrade in a reasonable time period in the environment. This is a concern because contaminated soils and groundwater will contribute legacy PFAS to the Cape Fear River in the future, continuing to impact the

- quality of raw intake water for CFPUA. PFAS loading just downstream of the site and at the CFPUA intake should be quantified and compared to better understand the potential for long-term contamination from offsite sediment erosion, resurfacing groundwater, and releases from sediment in the riverbed and riparian areas. The assessment should compare loading at the two locations under varied conditions (e.g., dry/low flow periods, storm events). Also, the CAP describes several newly identified seeps, labeled E to M, south of the site, although no treatment plans are prescribed.
- **Onsite Soils.** Contamination in onsite soils remains unclear and no remediation strategies have been suggested in the CAP.
 - **Outfall 002.** The remediation strategies for Outfall 002 are too vague, stating that compliance with NPDES permit requirements will be completed. Information regarding the PFAS-related requirements that will be included in Chemours' NPDES permit should be requested from DEQ.
2. As discussed in Section 5.1 of the CAP, the groundwater numerical model is only intended to simulate subsurface hydraulic processes, not associated PFAS fate and transport, for the purpose of remedy costing and design. Therefore, in its current state, the model provides limited insight in terms of PFAS loading and potential remediation effectiveness. In addition, the groundwater model covers the limited domain of the site. Thus, groundwater hydraulics are not represented for the surrounding vicinity contaminated by PFAS due to legacy atmospheric deposition. Since offsite seep data is attributed to aerial PFAS deposition, it could be used to estimate groundwater PFAS discharges to the river throughout the area (including upstream and downstream of the site) by using a distance-versus-concentration gradient approach and including discharge from both sides of the river due to airborne transport processes. This analysis would be informative, although it is not discussed.
 3. There is a very limited discussion of PFAS transformations in the environment and the implications for ongoing contamination, exposure risk, and remediation activity effectiveness (e.g., presence of precursors that can degrade to PFAS analytes over time). It is noted in Section 3.4, that total Table 3+ concentrations in wells are comparable to prior results (within ± 25 percent), however, temporal monitoring records have not been applied to explore transformations of PFAS, nor has available and relevant information from the literature been summarized.
 4. As noted in the previous technical review, a critical gap is that the extent, magnitude, and impact (loading) of PFAS contamination in offsite groundwater and soils are poorly quantified. Releases of contaminated groundwater, diffusion from contaminated sediment, and erosion of contaminated soils may contribute PFAS to the CFPUA's intake water following the implementation of the proposed onsite control strategies. PFAS contamination of sediment in the Cape Fear River bed and riparian wetlands remains uncertain and diffusion from these stores could act as a long-term source of PFAS to the river. A river sediment sampling plan was issued in August 2019 and it is anticipated that monitoring will be conducted at several riverine locations, including near CFPUA's raw water intake site, and a report released in 2020.
 5. At this time, a comprehensive flow mass balance that represents all inflow and outflows at the site has not been developed. It is stated in Section 3.4 of Appendix H that the numerical groundwater model will eventually be used to support the development of an initial water budget. However, this is a current information gap.
 6. In the CAP, the onsite Willis Creek to the north and Georgia Branch Creek to the south are described as being erosional channels that empty to the Cape Fear River. PFAS accumulated in the creek beds that is eroded during storm events may contribute to ongoing PFAS loading to the

river, yet the report does not attempt to measure bed contamination and model sediment transport (net deposition and scour) for the purpose of characterizing particulate-associated PFAS transport. Note that deeper soil samples (depths of 8.5 to 11 feet) have been collected in the vicinity of Willis Creek at a single location (Figure A7-1). The results for the analytes reported were either flagged as “UJ” (defined as “Analyte not detected. Reporting limit may not be accurate or precise”) or flagged as “<” (defined as “Analyte not detected above associated reporting limit”).

7. It was noted in the technical review for the PFAS Loading Reduction Plan and the CAP (Section 3.3.3) that discharge of Chemours’ process wastewater has been halted and the waste is injected into subsurface storage out-of-state. However, elevated HFPO-DA and PFMOAA concentrations were also observed in Kuraray process wastewater, which continues to be discharged from the onsite WWTP via Outfall 002, as discussed in the PFAS Loading Reduction Plan and previous technical review. Loading from Kuraray process wastewater remains unquantified and untreated.
8. Another gap, although perhaps minor, is related to process wastewater. Before June 21, 2017 process wastewater was discharged to the Cape Fear River and after November 29, 2017 process wastewater was captured, stored, and transported offsite for disposal. The report does not describe what was done with process wastewater in the interim, between June 22 and November 28, 2017.

3.3 OTHER COMMENTS

Other comments related to vulnerabilities pertaining to CFPUA’s intake water include:

1. No manufacturing process changes have been required for Chemours to date. Spills or unknown leaks or emissions at the facility remain a risk to CFPUA’s source water.
2. All monitoring applied in the assessment appears to have been conducted by Geosyntec and contracted labs for Chemours. DEQ can require split sampling (samples provided to DEQ for parallel testing) per the CO. Split sampling would be beneficial from the perspective of CFPUA for quality assurance and control checking, therefore, CFPUA should inquire about completed split sampling and the findings.

4.0 REFERENCES

Geosyntec. 2019a. Cape Fear River PFAS Corrective Action Plan, Chemours Fayetteville Works. Prepared for Chemours Company FC, LLC. by Geosyntec Consultants of NC, P.C., Raleigh, North Carolina.

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Mackay, D., M. Joy, and S. Paterson. 1983. A quantitative water, air, sediment interaction (QWASI) fugacity model for describing the fate of chemicals in lakes. *Chemosphere*, 12: 981-997.

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Limited Review of “APPENDIX F: Offsite Human Health Screening Level Exposure Assessment (SLEA) of Table 3+ PFAS” (authored by Geosyntec Consultants) for the Cape Fear Public Utility Authority.

February 21, 2020

Prepared for:
Cape Fear Public Utility Authority
235 Government Center Drive
Wilmington, NC 28403

Prepared by:
Jamie C. DeWitt, PhD, DABT
Independent Consultant
Greenville, NC 27834
Voice: 919-608-2373
Email: dewittj@ecu.edu

Brief Summary of Appendix F and Overview of Charge

"Appendix F" is a support document for the Corrective Action Plan (CAP) for the Chemours Fayetteville Works Facility in Bladen, County, North Carolina (referred to as "the Facility" in Appendix F). The "Screening Level Exposure Assessment" (SLEA) contains numerical estimates of human exposure to per- and polyfluoroalkyl substances (PFAS) originating from air emissions and/or past process water releases from the Facility. These numerical estimates of human exposure come from PFAS estimated or measured from a variety of environmental media – soil, well water, homegrown produce, offsite surface water and fish tissue, onsite surface water and fish tissue, and surface water from an offsite pond. Where possible, the consulting company hired by Chemours (Geosyntec Consultants of NC, P.C.) calculated "exposure point concentrations" (EPCs) for these environmental media using models from the U.S. Environmental Protection Agency (EPA).

EPCs were calculated from environmental media to estimate PFAS exposure to different groups of people through these environmental media. The groups of people included in Appendix F were adult and child residents, farmers, and gardeners. Some PFAS exposures also were calculated for adult and child recreational consumers of surface waters and fish tissues. Exposure was therefore based on how much PFAS these groups of people would take into their bodies through these various environmental media (defined as "intake"). As with EPCs, assumptions about intake were based on values available from the U.S. EPA (i.e., how much water an adult drinks per day or how much incidental ingestion of soil occurs for a child).

Once the total intake of PFAS was calculated for each group of people, the consulting company compared the values to the North Carolina Department of Health and Human Services (NC DHHS) 2017 draft oral reference dose (oral RfD) for "GenX," or hexafluoropropylene oxide dimer acid (HFPO-DA), which is 1×10^{-4} mg/kg/day. This comparison was made to determine if intake was greater or lesser than this RfD. The U.S. EPA (1993) defines a RfD as "an estimate (with uncertainty spanning perhaps an order of magnitude) of a daily exposure to the human population (including sensitive subgroups) that is likely to be without an appreciable risk of deleterious effects during a lifetime." The U.S. EPA (1993) further clarifies the RfD by indicating that it should not be categorically concluded that all doses below the RfD are without risk and that all doses in excess of the RfD will result in adverse effects. In other words, the RfD can be used as a guide to determine if intake of PFAS is above or below an acceptable level but does clearly and unquestionably separate groups "with risk" from groups "without risk."

I have been asked to prepare a brief memorandum evaluating specific points in Appendix F that concern surface water consumption from offsite surface water. This evaluation will include a) components not considered or gaps in the assessment that have the potential to impact the results and b) additional studies that should be conducted to strengthen the assessment.

This memorandum reflects my professional opinion based on my extensive knowledge of toxicology and the risk assessment process and the toxicology of PFAS. It does not reflect the

opinion of the Department of Pharmacology and Toxicology, the Brody School of Medicine, East Carolina University, or any other organization or entity to which I belong.

Section 3: Conceptual Exposure Model (pp 10-14 in Appendix F)

PFAS evaluated in the SLEA are listed in Table 1 of Appendix F and are included here as a reference point.

TABLE 1
TABLE 3+PFAS EVALUATED IN THE SLEA
Chemours Fayetteville Works, North Carolina

Geosyntec Consultants of NC P.C.

Chemical Abbreviation	Chemical Name	Chemical Formula	Consent Order Constituent	Table 3+ Constituent
HFPO-DA	Hexafluoropropylene oxide dimer acid	C6HF11O3	X	X
PEPA	Perfluoroethoxypropyl carboxylic acid	C5HF9O3	X	X
PFECA-G	Perfluoro-4-isopropoxybutanoic acid	C12H9F9O3S	X	X
PFMOAA	Perfluoro-2-methoxyacetic acid	C3HF5O3	X	X
PFO2HxA	Perfluoro(3,5-dioxaheptanoic) acid	C4HF7O4	X	X
PFO3OA	Perfluoro(3,5,7-trioxaoctanoic) acid	C5HF9O5	X	X
PFO4DA	Perfluoro(3,5,7,9-tetraoxadecanoic) acid	C6HF11O6	X	X
PMPA	Perfluoromethoxypropyl carboxylic acid	C4HF7O3	X	X
Hydro-EVE Acid	Perfluoroethoxypropanoic acid	C8H2F14O4		X
EVE Acid	Perfluoroethoxypropionic acid	C8HF13O4		X
PFECA B	Perfluoro-3,6-dioxaheptanoic acid	C5HF9O4		X
R-EVE	R-EVE	C8H2F12O5		X
PFO5DA	Perfluoro-3,5,7,9,11-pentaoxadodecanoic acid	C7HF13O7	X	X
Byproduct 4	Byproduct 4	C7H2F12O6S		X
Byproduct 6	Byproduct 6	C6H2F12O4S		X
Byproduct 5	Byproduct 5	C7H3F11O7S		X
NVHOS	Perfluoroethoxysulfonic acid	C4H2F8O4S		X
PES	Perfluoroethoxyethanesulfonic acid	C4HF9O4S		X
PFESA-BP1	Byproduct 1	C7HF13O5S	X	X
PFESA-BP2	Byproduct 2	C7H2F14O5S	X	X

Notes:

CASN - Chemical Abstract Service Number

SLEA - Screening Level Exposure Assessment

This section defined the groups of people who were included in the "conceptual exposure model." This type of model draws the connections between levels of PFAS in environmental media with how much PFAS groups of people will take in from those environmental media. These connections were highlighted in Figure 2 of Appendix F. Connections that were considered incomplete were not evaluated. These were based on whether or not data were available on 1) a source of PFAS or release of PFAS from a source, 2) a mechanism of release and transport of PFAS, 3) a point of contact of the groups of people to the environmental media containing PFAS, 4) and exposure route (i.e., ingestion, inhalation, dermal), and 5) the presence of groups of people. Note that groups of people were referred to as "receptors" or "receptor populations" throughout Appendix F. This is standard terminology for conceptual exposure models.

Components not considered/gaps in the assessment/additional studies: Three groups of people were not considered in the SLEA: fetuses during pregnancy, infants, and lactating women. The U.S. EPA Health Advisory Level for two PFAS, perfluorooctanoic acid (PFOA) and perfluorooctane sulfonate (PFOS) were based on protection of fetuses during pregnancy and breastfed infants. The Health Advisory Level was calculated based on drinking water intake of

lactating women who drink a higher volume of water than other people and who can pass PFAS to their nursing infants through breastmilk (U.S. EPA, 2017). In addition, the NC DHHS drinking water exposure limit (DWEL) for HFPO-DA also was based on protection of bottle-fed infants. Therefore, the populations at the highest risk from adverse health effects arising from PFAS exposure, fetuses during pregnancy and infants, were not considered in the SLEA.

Section 4: Identification of Offsite Exposure Units (pp 15-16 in Appendix F)

The conceptual exposure model also included a description of the environmental media that contained PFAS as identified in environmental investigations in and around the Facility. Only surface waters are considered in this memorandum and they include all identified exposure units (EUs) of the Cape Fear River (EUs 13-17). These surface waters included upstream and Facility-adjacent locations as well as locations 4, 8, and 55 miles downstream from the Facility.

Components not considered/gaps in the assessment/additional studies: None identified.

Section 5: Environmental Datasets and EPCs; 5.3: Surface Water (pp 23-26 in Appendix F)

Information of PFAS detected in surface waters was collected from locations depicted in Figure 7, which included upstream, Facility-adjacent, and downstream (4, 8, and 55 miles from the Facility) and included nine discrete sampling events between September of 2017 and the Summer of 2019. These events included months in the spring, summer, fall, and winter seasons and also appear to have included weather events such as Hurricane Florence. The water samples were analyzed with Method 537, which is a method developed by the U.S. EPA for evaluation of up to 18 different PFAS in water samples (EPA, 2018a). Additional methods were employed for some samples to evaluate Table 3+ PFAS. The surface water data were then segregated to develop EPCs for recreational and drinking water uses.

Components not considered/gaps in the assessment/additional studies: Additional sampling locations between 8 and 55 miles from the Facility would provide more information about the spatial distribution of PFAS in surface waters of the Cape Fear River. Additional collection times would provide more details about the temporal fluctuations of PFAS in surface waters of the Cape Fear River.

Section 6: Intake Characterization; (pp 32-34 in Appendix F)

Intake of PFAS was expressed in milligrams of PFAS per kilogram of body weight per day as an average daily intake (ADI). Equations used to calculate intake were based on U.S. EPA guidance documents that provide intake rates. The following surface water ADIs were included in Appendix F:

- Facility-adjacent and near-downstream EUs for recreationalists = 7.3×10^{-8} to 3.1×10^{-6} mg/kg/day.
- Bladen and Kings Bluffs EUs for recreationalists = 1.1×10^{-7} to 2.1×10^{-6} mg/kg/day
- Bladen Bluffs EUs for residents, HFPO-DA only = 1.2×10^{-5} to 1.8×10^{-5} mg/kg/day
- Kings Bluffs EUs for residents, HFPO-DA only = 6.4×10^{-7} to 9.2×10^{-7} mg/kg/day
- Kings Bluffs EUs for residents, Table 3+ PFAS = 3.5×10^{-6} to 5.0×10^{-6} mg/kg/day

Components not considered/gaps in the assessment/additional studies: ADI calculations used in the SLEA do not consider biological half-life and body burden. The biological half-life is how much time it takes to reduce the concentration of a chemical in the body by one-half and body burden is how much of a chemical is in the body at any given time (Baynes et al., 2012). Failure to include half-life and body burden inherently flaws ADI calculations because it assumes complete elimination of a chemical from the body between exposures. PFAS such as PFOA and PFOS have biological half-lives of years, leading to increased body burdens over time with repeated exposures. Therefore, ADI calculations without a factor that includes biological half-life tend to underestimate intake. While the half-life of HPDO-DA and other Table 3+ PFAS are unknown, an assumption of complete elimination is flawed without empirical data on half-life.

Components not considered/gaps in the assessment/additional studies: Dermal intakes were not calculated due to the lack of dermal toxicity criteria (i.e., an RfD for dermal toxicity) developed at the state or federal level. There are a few studies of adverse health outcomes arising from dermal exposure to, for example, PFOA (Shane et al., 2020). Such values could have been used as a basis for comparing dermal intakes.

Section 7: Provisional Hazard Characterization (pp 35-38 in Appendix F)

Much of this section contained background definitions of toxicological values (section 7.1). Section 7.2 contained the basic methods used by Geosyntec Consultants to characterize the potential hazards of HFPO-DA and Table 3+ PFAS. The basic comparison was the ratio of the ADI to the RfD, often referred to as the "hazard quotient." Recall that the RfD was derived by NC DHHS in 2017 and was a draft oral RfD (1×10^{-4} mg/kg/day) for HFPO-DA. If the ADI exceeded the RfD (hazard quotient > 1), intake was greater than a level that is considered acceptable. If the ADI was less than the RfD (hazard quotient < 1), intake was less than a level that is considered acceptable. It also is important to recall that the RfD is not a clearly defined value separating high risk from low risk levels.

All of the hazard quotients that Geosyntec Consultants calculated for groups of people consuming surface waters were less than one.

Components not considered/gaps in the assessment/additional studies: As stated previously, ADI calculations without a factor that includes biological half-life tend to underestimate intake and dermal intakes were not calculated.

Section 8: Uncertainty Assessment (pp 39-48 in Appendix F)

This section of Appendix F described uncertainties that may have had an impact on the SLEA. Uncertainties included environmental sampling results, assumptions regarding receptor behavior, and the quantitative representation of chemical toxicity. Geosyntec Consultants indicated that where there was "significant uncertainty," they tried to provide additional conservatism, which would tend to provide additional protections. A few areas of this section are highlighted here.

With respect to sources of uncertainty associated with surface water EPCs, Geosyntec Consultants highlighted the "transient nature of surface water" as the primary source of uncertainty. Each sample collected reflected only the levels of PFAS in surface water at that particular time and may not reflect that levels of PFAS may differ across time. While (described in Section 5) surface water samples were collected at nine discrete times that included months in spring, summer, fall, and winter and also appeared to have included weather events such as Hurricane Florence, these events may not have fully captured average/median levels of PFAS in surface water.

There also may have been inconsistencies in what PFAS were measured across the different surface water samples. In some samples, only HFPO-DA was measured whereas in others, all nine Table 3+ PFAS were measured. Therefore, some PFAS (i.e., Table 3+ PFAS) could be underestimated in surface water samples.

Dermal exposures from soil, well water, and surface water were not evaluated due to the lack of dermal toxicity criteria developed at the state or federal level.

Another major area of significant uncertainty was associated with the hazard characterization. One focus on this section was on discrepancies between the NC DHHS RfD and one derived by authors of a manuscript published in 2019 (Thompson et al., 2019).

Components not considered/gaps in the assessment/additional studies: Pages 47-48 of this section contain erroneous assumptions.

1. "Longer-duration animal studies are more relevant to most human exposure and generally given preference when used to develop toxic potency estimates for humans." While this is a *preference*, it is not a rule or requirement. The database for HFPO-DA contains several sub-chronic studies and only one chronic study. Therefore, the database for sub-chronic studies is richer than for chronic studies, thus supporting the derivation of a RfD from a sub-chronic study.
2. "...the liver lesions in mice are consistent with PPAR α activation and, hence, the observed effects are not relevant to humans." The NC DHHS oral RfD was derived from the observation of liver single cell necrosis (cell death) in mice. This particular endpoint, necrosis, is not thought to be a PPAR α -mediated key event for liver tumors in rodents (Corton et al., 2018) and therefore is relevant to humans.
- 3.

Additionally, the oral RfD calculated by the NC DHHS is supported by the draft sub-chronic oral RfD calculated by the U.S. EPA for HFPO-DA (2×10^{-4} mg/kg/day), which also was based on liver single cell necrosis (EPA, 2018b). Therefore, including a discussion of a higher alternative oral RfD derived by Thompson et al. (2019) without including a discussion of the U.S. EPA sub-chronic oral RfD for HFPO-DA is misleading. This section should be removed, or a discussion of the U.S. EPA sub-chronic oral RfD for HFPO-DA should be included.

References Cited

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From: [RANDI DIKEMAN](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours
Date: Friday, April 3, 2020 9:42:47 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

- **Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which its proposed plan fails to do.**
- **Chemours—not families nearby and downstream communities already burdened by exposure and health risks—should pay the costs to clean up its pollution.**
- **With 45,000 acres of polluted, leaking groundwater, Chemours' plan will not clean up the problem and will leave our communities, drinking water, and the Cape Fear River at risk.**

--

Randi Dikeman
102 Woodland Place
Littleton, N.C. 27850
252-702-8235 cell

From: [Susan LosCalzo](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chrmours plan
Date: Friday, April 3, 2020 7:44:18 AM

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This plan does not clean up the mess it made at the expense of our environment and the safety of the people nearby. Make them do it right

Thank you,

Kathy Nance
990 Piney Knob Rd.,
Rutherfordton, NC 28139

From: [Kim Porter](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Make Chemours Clean Up Its Pollution
Date: Thursday, April 2, 2020 9:08:55 PM

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To Whom it May Concern:

My family has lived in Wilmington, NC for decades and been impacted by Chemours history of unmitigated pollution and it must stop. Chemours' plan is inadequate and fails to manage its decades of pollution, as required by the consent order.

In its plan, Chemours plans to leave highly contaminated groundwater onsite and do little to stop pollution from flowing offsite. Chemours has polluted 45,000 acres of groundwater with toxic chemicals and poisoned the public and water supplies for decades, yet now it proposes to avoid doing what's needed to protect people and our communities. It can not be allowed to get away with this.

We demand that Chemours clean up its pollution and put the health of North Carolinians, the Cape Fear River, and downstream communities ahead of its bottom line—which its proposed plan fails to do.

DEQ must ensure that Chemours—not families nearby and downstream communities already burdened by exposure and health risks—pays the costs to clean up its pollution.

Chemours has 45,000 acres of polluted, leaking groundwater, and its plan is insufficient and will not clean up the problem and will leave our communities, drinking water, and the Cape Fear River at risk.

Sincerely,

Kim Porter

828-712-4601

From: [Susan Willets](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Clean Up Cape Fear
Date: Thursday, April 2, 2020 8:52:56 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Those responsible for polluting our ground water must be held accountable. Our citizen and wild life should be of paramount importance to our legislators.

Sent from my iPhone

From: [Doris Vannoy](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours pollution
Date: Thursday, April 2, 2020 6:43:54 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Clean all of it up NOW, and require the company to pay for it. Also, immediately stop any ongoing pollution by the company. They have poisoned people for years!!!!!!

Sent from my Verizon, Samsung Galaxy smartphone
Get [Outlook for Android \[aka.ms\]](#)

From: [Yndiana Montes](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours
Date: Thursday, April 2, 2020 1:13:23 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

"When you're poor and your family is at risk, is it possible to afford a Reverse Osmosis system, costing between \$200-300. The poor have to drink tap water and will do so for the rest of their lives if the cases against Chemour are not won. The impact of drinking this contaminated water will be cumulative over a period of time, resulting in a higher morbidity and mortality for those exposed.

Some populations that have lived close to a hog farm, poultry facility or a polluted waterway have migrated to more populated cities and towns like Raleigh, Charlotte, Winston Salem or Wilmington. Most likely they have already been exposed to the cesspools from hog farms, coal ashes Duke Energy and now GenX.

Considering this, we have to think what makes one population more vulnerable than others. In the case of GenX, the environmental harm it produces might disproportionately affect certain populations differently than others. For example, in Bladen, Cumberland, and New Hannover Counties being impacted by GenX in the Cape Fear River. Now with this pandemic, the less fortunate without reverse osmosis filtering are condemned to drinking this contaminated water and it's long term consequences to the body.

Is it possible to petition the makers of R/O filtering systems to lower prices and participate in helping out fellow man to at least have relatively clean drinking water.

Yndiana Montes
SoloCaribe INC
<https://www.linkedin.com/in/yndianamontes/> [[linkedin.com](#)]
Cell: (910) 4706622
Office (910) 8598040

From: [Morris-McLawhorn, Bridgette R](#)
To: [SVC_DENR.publiccomments](#)
Subject: Public comments received
Date: Thursday, April 2, 2020 10:35:05 AM
Attachments: [2020 03 31 public comment on proposed GW corrective action plan 2.pdf](#)
[2020 03 31 public comment on proposed GW corrective action plan.pdf](#)

Good morning,

Please find attached two more public comments received on the proposed GW corrective action plan.

Bridgette Morris-McLawhorn
Executive Assistant to Secretary Michael Regan &
Chief Deputy Secretary John Nicholson
North Carolina Department of Environmental Quality

(919) 707-8643 office
(984) 328-2303 mobile
bmorris@ncdenr.gov

217 West Jones Street
1601 Mail Service Center
Raleigh, NC 27699

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North Carolina Public Records Law and may be disclosed to third parties.*

RECEIVED
Office of the Secretary

MAR 31 2019

Department of Environmental Quality

Heidi Maly
Name
5268 Dudley Rd.
Address
Fay NC 28312
City/State/Zip
910-309-9528
Email or Phone #

Department of Environmental Quality

Secretary Michael Regan

RE: Written Non-Concurrence to the proposed Groundwater Corrective Action Plan

1601 Mail Service Center

Raleigh, N.C. 27699-1601

publiccomments@ncdenr.gov

Subject: Public Comment to the proposed Groundwater Corrective Action Plan

I am one of the "affected parties: per 15A NCAC 02L .0202(c) and § 143-215.2A. (Relief for contaminated private drinking water wells). **I DO NOT CONCUR** with the Corrective Action Plan (CAP) as written. I am providing my non-concurrence IAW 15A NCAC 02L .0106(k) (3) and provide my written notification to the Secretary of DEQ and Governor of the State of North Carolina. I demand equal treatment under the laws of North Carolina and demand Secretary Regan force Chemours and/or Dupont to provide a Permanent Solutions for all wells found to be contaminated in exceedance of NC Groundwater Standards listed in 15A NCAC 02L .0202. It is the belief that § 143-215.2A, which was enacted in June 2018 and became a State Statute can still be used to force Chemours and/or Dupont to run water at their expense. Paragraph 34 utilized the verbiage Session Law 2018-5 Sec 13.1(c) when it was signed and enacted in February 2019 over 8 months after § 143-215.2A had been enacted as a State Law. Referring to it as Session Law 2018-5 Sec 13.1 (c) thus makes the limitations that DEQ attempted to place on the use of § 143-215.2A invalid. Since the enactment of the Consent Order Chemours has been in violation in all testing of wells as they are not testing for all chemicals agreed upon in Attachment C as both **PFMOPrA (Perfluoro-3- methoxypropanoic acid) & PFMOBA (Perfluoro-4- methoxybutanoic acid)** are not tested for. GEL Labs can test for these two compounds as they are tested for during NC DEQ testing of wells.

As an adjacent property owner IAW the requirements of 15A NCAC 02L .0106(k)(3) **I DO NOT consent** to the **proposed Corrective Action Plan**. It is required by the provisions of 15A NCAC 02L .0106(k)(3) to gain approval of the property owners for the Corrective Action Plan that was submitted for the Chemours i.e. the Fayetteville Works Facility (Geosyntec Project Number TR0795). To date not one property owner that has been requested to provide consent. Unless Chemours and/or Dupont provides equal solutions for all "affected parties" i.e. anybody with a Well that has been found to have any PFAS contamination from the Fayetteville Works Facility (not limited to Attachment C of the consent order) in the means of a Whole Home Solution be it Granular Activated Carbon Systems or Public Water. **I nonconcur with the Corrective Action Plan. Chemours & Dupont cannot be permitted to contaminate our groundwater wells, soil and vegetation without being required to remediate what they have damaged or a Permanent whole home water solution. Cost to remediate or Public water should be the only feasible solution regardless of costs i.e. the \$75K DEQ imposed limit.**

15A NCAC 02L .0106(k)(3) is very clear and it states:

15A NCAC 02L .0106(k)(3) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the availability of public water supplies for the affected area; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph. The person making the request shall demonstrate:

- (1) that all sources of contamination and free product have been removed or controlled pursuant to Paragraph (f) of this Rule;
- (2) that the time and direction of contaminant travel can be predicted with reasonable certainty;
- (3) that contaminants have not and will not migrate onto adjacent properties, or that:
 - (A) such properties are served by an existing public water supply system dependent on surface waters or hydraulically isolated groundwater; or
 - (B) the owners of such properties have consented in writing to the request;

There is still contamination in our trees specifically pine type trees and our soil that Chemours has no intention of remediating. This will continue to have pass through contamination caused by rainfall passing thru the vegetation. As such (1) will not be achieved and neither will (2) above. Contaminants have migrated off of the Fayetteville Works Facility to the adjacent properties as far as 11 miles from the center of the facility covering an area in excess of 125 square miles and growing. All properties could be provided public water supply IAW 15A NCAC 02L .0106 (k) at far less in cost that the cost to remediate an area over 125 square miles. Of whole home water filtration could be provided to all homes with detection of PFAS in exceedance of the NC Ground Water Quality Standards. Chemours can make the choice to fund billion to tens of billions of dollars of cleanup or millions for providing permanent whole home solutions. I do not consent IAW (3)(B) until Chemours provides that resolution voluntarily or forced by the State.

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requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph.

The manner in which the consent order lists § 143-215.2A an State Law that was enacted in June of 2018 prior to the Enactment of the Consent Order in February of 2019. Session Law 2018-5 Sec 13.1 (c) is irrelevant as it had been enacted as a State Law prior upon ratification in June of 2018. So it should not have been referred to as Session Law 2018-5, but as the State Statute and since listed incorrectly in Paragraph 34 of the Consent Order is invalid and the Secretary of DEQ can still force the polluters to pay for permanent whole solution be that Whole Home Granular Activated Carbon or the running of Public water Systems to all homes found with a well in violation of the NC Ground Water Standards.

15A NCAC 02L .0106 (a) Where groundwater quality has been degraded, the goal of any required corrective action shall be restoration to the level of the standards, or as closely thereto as is economically and technologically feasible as determined by the Department in accordance with this Rule. If Chemours and/or Dupont cannot remediate all wells they have contaminated in violation of the 15A NCAC 02L .0202 standards. For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules. At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible. The size of the area encompasses thousands of private land parcels and any remedial construction activities using currently available remedial technologies (excavation and groundwater extraction) would be very disruptive to the local community and this disruption would continue for a lengthy period of time. Any remedy which in principle could help make progress towards PQLs over this large area would cost in the billions to tens of billions of dollars.

I as one of the "affected parties" are demanding that NC DEQ protect our rights and force Chemours and/or Dupont the polluters to either remediate the damages to our Groundwater Wells or provide permanent whole home solutions i.e. Whole Home Granular Activated Carbon or Public Water connections with a defined period of the polluter paying for the water bills. The same solution provided for the Coal Ash "Affected Parties".

Areas of Corrective Action Plan that indicate why Chemours and/or Dupont should be forced to provide Whole Home Filtration or Public Water for all those with wells that indicate exceedance of the NC Groundwater Standards 15A NCAC 02L .0202(c). When referring to the costs associated with providing the above remediation it must be taken into account that Chemours is gaining a cost savings of \$5,000,000 per month in cost savings for the elimination of shipping the Waste Water to Texas. It must also be taken into account the processing of the Waste from the Netherlands in determining the feasibility of providing public water or Whole Home Solutions to all "affected parties". Affected Party is any property found with a groundwater well in exceedance of the NC Ground Water Standards established by the NC Environmental

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Comply with 2L Rules (CO paragraph 16), including following the policy for the intention of the 2L Rules "to maintain and preserve the quality of the groundwaters, prevent and abate pollution and contamination of the water of the state, protect public health, and permit management of the groundwaters for their best usage by the citizens of North Carolina" (15A NCAC 02L .0103)1; and comply with other requirements of the CO.

Response to Page xiv

Chemours is not in compliance with the Consent Order as they are not testing for all of the Chemicals listed on Attachment C. The two compounds that are not tested for are PFMOPrA (Perfluoro-3- methoxypropanoic acid) & PFMOBA (Perfluoro-4- methoxybutanoic acid). This should be a complaint that all address to Michael Scott and Michael Regan @ NC DEQ. Prior to approval of a Corrective Action Plan NC DEQ should ensure that the Consent Order is actually enforced and that a permanent remediation solution or permanent whole home water solutions are provided.

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Because the results of the HH-SLEA and Ecological SLEA indicate that exposures to HFPO-DA in offsite environmental media do not pose a hazard to human health or the environment, site-specific, risk-based cleanup goals were not developed; rather, cleanup goals are based on CO and 2L rules. ****

For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules. **At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible.**

For offsite groundwater receptors, provide public water connections or whole building filtration units or reverse osmosis units to qualifying surrounding residents (CO paragraphs 19 and 20);

Response: to Chemours CAP Page xvi

Most all wells tested have multiple Chemicals in the wells. Some as many as 9- 16 yet in documents like this Corrective Action Plan you will see Chemours discussion relate to only HFPO-DA. In the Ground Water Quality Standard of the State of North Carolina under 15A NCAC 02L .0202(b)(2) Where two or more substances exist in combination, the Director shall consider the effects of chemical interactions as determined by the Division of Public Health and may establish maximum concentrations at values less than those established in accordance with Paragraphs (c), (h), or (i) of this Rule. In the absence of information to the contrary, in accordance with Paragraph (d) of this Rule, the carcinogenic risks associated with carcinogens present shall be considered additive and the toxic effects associated with non-carcinogens present shall also be considered additive.

I as an "affected party": per 15A NCAC 02L .0202(c) and § 143-215.2A (Relief for contaminated private drinking water wells) demand that the Secretary of DEQ and Governor of the State of North Carolina force Chemours and/or Dupont to provide a Permanent Solution for all wells found to be contaminated in exceedance of the NC Groundwater Standards as the remedy for our contaminated wells based on the admission that Chemours has no plan for remediation of our contaminated properties. Secretary Regan needs to follow NC Groundwater Quality Standards as well as enforce the Consent Order. Failure to do so is a failure to perform the duties of office.

RECEIVED
Office of the Secretary

MAR 31 2020

Department of Environmental Quality

Peter Maly
Name
5769 Mack Simmons Rd.
Address
Fay, NC 28312
City / State / Zip
910-850-7130
Email or Phone #

Department of Environmental Quality

Secretary Michael Regan

RE: Written Non-Concurrence to the proposed Groundwater Corrective Action Plan

1601 Mail Service Center

Raleigh, N.C. 27699-1601

publiccomments@ncdenr.gov

Subject: Public Comment to the proposed Groundwater Corrective Action Plan

I am one of the "affected parties: per 15A NCAC 02L .0202(c) and § 143-215.2A. (Relief for contaminated private drinking water wells). **I DO NOT CONCUR** with the Corrective Action Plan (CAP) as written. I am providing my non-concurrence IAW 15A NCAC 02L .0106(k) (3) and provide my written notification to the Secretary of DEQ and Governor of the State of North Carolina. I demand equal treatment under the laws of North Carolina and demand Secretary Regan force Chemours and/or Dupont to provide a Permanent Solutions for all wells found to be contaminated in exceedance of NC Groundwater Standards listed in 15A NCAC 02L .0202. It is the belief that § 143-215.2A, which was enacted in June 2018 and became a State Statute can still be used to force Chemours and/or Dupont to run water at their expense. Paragraph 34 utilized the verbiage Session Law 2018-5 Sec 13.1(c) when it was signed and enacted in February 2019 over 8 months after § 143-215.2A had been enacted as a State Law. Referring to it as Session Law 2018-5 Sec 13.1 (c) thus makes the limitations that DEQ attempted to place on the use of § 143-215.2A invalid. Since the enactment of the Consent Order Chemours has been in violation in all testing of wells as they are not testing for all chemicals agreed upon in Attachment C as both **PFMOPrA (Perfluoro-3- methoxypropanoic acid) & PFMOBA (Perfluoro-4- methoxybutanoic acid)** are not tested for. GEL Labs can test for these two compounds as they are tested for during NC DEQ testing of wells.

As an adjacent property owner IAW the requirements of 15A NCAC 02L .0106(k)(3) **I DO NOT consent** to the **proposed Corrective Action Plan**. It is required by the provisions of 15A NCAC 02L .0106(k)(3) to gain approval of the property owners for the Corrective Action Plan that was submitted for the Chemours i.e. the Fayetteville Works Facility (Geosyntec Project Number TR0795). To date not one property owner that has been requested to provide consent. Unless Chemours and/or Dupont provides equal solutions for all "affected parties" i.e. anybody with a Well that has been found to have any PFAS contamination from the Fayetteville Works Facility (not limited to Attachment C of the consent order) in the means of a Whole Home Solution be it Granular Activated Carbon Systems or Public Water. **I nonconcur with the Corrective Action Plan. Chemours & Dupont cannot be permitted to contaminate our groundwater wells, soil and vegetation without being required to remediate what they have damaged or a Permanent whole home water solution. Cost to remediate or Public water should be the only feasible solution regardless of costs i.e. the \$75K DEQ imposed limit.**

15A NCAC 02L .0106(k)(3) is very clear and it states:

15A NCAC 02L .0106(k)(3) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the availability of public water supplies for the affected area; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph. The person making the request shall demonstrate:

- (1) that all sources of contamination and free product have been removed or controlled pursuant to Paragraph (f) of this Rule;
- (2) that the time and direction of contaminant travel can be predicted with reasonable certainty;
- (3) that contaminants have not and will not migrate onto adjacent properties, or that:
 - (A) such properties are served by an existing public water supply system dependent on surface waters or hydraulically isolated groundwater; or
 - (B) the owners of such properties have consented in writing to the request;

There is still contamination in our trees specifically pine type trees and our soil that Chemours has no intention of remediating. This will continue to have pass through contamination caused by rainfall passing thru the vegetation. As such (1) will not be achieved and neither will (2) above. Contaminants have migrated off of the Fayetteville Works Facility to the adjacent properties as far as 11 miles from the center of the facility covering an area in excess of 125 square miles and growing. All properties could be provided public water supply IAW 15A NCAC 02L .0106 (k) at far less in cost that the cost to remediate an area over 125 square miles. Of whole home water filtration could be provided to all homes with detection of PFAS in exceedance of the NC Ground Water Quality Standards. Chemours can make the choice to fund billion to tens of billions of dollars of cleanup or millions for providing permanent whole home solutions. I do not consent IAW (3)(B) until Chemours provides that resolution voluntarily or forced by the State.

Per 15A NCAC 02L .0106(b) Any person conducting or controlling an activity that results in the discharge of a **waste or hazardous substance or oil to the groundwaters of the State**, or in proximity thereto, shall take action upon discovery to terminate and control the discharge, mitigate any hazards resulting from exposure to the pollutants and notify the Department, as defined in 15A NCAC 02C .0102, of the discharge. Chemours and Dupont violated 15A NCAC 02L .0106 (d) Any person conducting or controlling an activity that is conducted under the authority of a permit initially issued by the Department on or after December 30, 1983 pursuant to G.S. 143-215.1 or G.S. 130A-294 and that results in an increase in concentration of a substance in excess of the standards. This was known by NC DEQ as far back as December 2016 when Chemours delivered the Corrective Measures Study to DEQ. So for three years Chemours failed to address a Corrective Action Plan, and has only done so to meet a requirement of a Consent Order.

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From: [Jean Zhuang](#)
To: [SVC_DENR.publiccomments](#); [Holman, Sheila](#)
Cc: "[Dana Sargent](#)"; [Kemp Burdette](#); [Lane, Bill F](#); [Benzoni, Francisco](#); [Abraczinskas, Michael](#); [Scott, Michael](#); [linda.culpepper@ncdenr.gov](#); [Shelton, Dave](#); "[Long, Brian D](#)"; "[JFSavarese@WLRK.com](#)"; [Gross, Joel M.](#) ([Joel.Gross@arnoldporter.com](#)); [Geoff Gisler](#); [Kelly Moser](#)
Subject: [External] Cape Fear River Watch Comments on Chemours" Corrective Action Plan
Date: Thursday, April 2, 2020 10:34:46 AM
Attachments: [2020-04-02- CFRW Comments on Chemours CAP w Attach. 1-3.PDF](#)

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Dear Ms. Holman:

The Southern Environmental Law Center offers the attached comments on Chemours' Corrective Action Plan for the Fayetteville Works Facility. These comments are submitted on behalf of Cape Fear River Watch.

Regards,

Jean Zhuang

Staff Attorney | [Southern Environmental Law Center \[southernenvironment.org\]](#)

601 West Rosemary Street, Suite 220 | Chapel Hill, NC 27516-2356

T: 919-967-1450 | F: 919-929-9421 | Email: jzhuang@selcnc.org

This electronic message and any attached files are confidential and are intended solely for the use of the addressee(s) named above. This communication may contain material protected by attorney-client, work product or other privileges.

SOUTHERN ENVIRONMENTAL LAW CENTER

Telephone 919-967-1450

601 WEST ROSEMARY STREET, SUITE 220
CHAPEL HILL, NC 27516-2356

Facsimile 919-929-9421

April 2, 2020

VIA E-MAIL

Sheila Holman
North Carolina Department of Environmental Quality
1601 Mail Service Center
Raleigh, N.C. 27699-1601
publiccomments@ncdenr.gov

Re: Cape Fear River Watch Comments on Chemours' Corrective Action Plan

Dear Ms. Holman:

On behalf of Cape Fear River Watch, please accept these comments on Chemours' Corrective Action Plan ("plan") for the Fayetteville Works Facility. On December 31, 2019, Chemours submitted an 1800-page document that is intended to provide for the "restoration of groundwater quality" in accordance with state law. Although titled "Corrective Action Plan," Chemours' document fails to provide any action or plan to correct the unprecedented contamination the company has caused in violation of the 2019 Consent Order and state law.¹

Rather than commit to clean up its historic contamination, Chemours seeks to do what it and DuPont have done for decades—escape responsibility for the harm caused by its chemicals. For years, DuPont and Chemours have known that the Washington Works Facility in West Virginia contaminated the air, groundwater, river, and drinking water near the facility. And yet neither DuPont nor Chemours did anything to prevent the same contamination at the Fayetteville Works Facility. Now, having been caught contaminating more than 70 square miles, hundreds of drinking water wells, and the river that provides water for more than 300,000 North Carolinians, Chemours makes an astonishing argument—that it should be excused from the clear requirements of the state's groundwater rules because the harm it has caused is too vast. Although the Cape Fear Public Utility Authority and Brunswick County have invested hundreds of millions of dollars to clean up Chemours' contamination, the company's plan asserts that it should be allowed to wait and further study its extensive contamination before taking action. While communities, schools, and churches near and far depend on bottled water because Chemours' pollution continues to taint their taps, the company asks for more time to allow it to escape responsibility.

DEQ must hold Chemours accountable. The company has now made it clear that it does not intend to uphold its commitments under the Consent Order or the requirements for corrective action under the state rules. DEQ must exercise its full authority under the Consent Order to

¹ The Chemours Company FC, LLC, Corrective Action Plan – Chemours Fayetteville Works (Dec. 2019) ("CAP").

seek penalties for Chemours' violations of the order, reject Chemours' proposed Corrective Action Plan, and require the company to meet the groundwater rules' requirement to eliminate its contamination.

I. Chemours must be held responsible.

Chemours' rejection of responsibility for its pollution begins with its cover letter. The company states that any remaining problems should be DuPont's problem.² DEQ cannot allow Chemours to shirk its obligations. The Consent Order and state law do not free Chemours from its responsibility to clean up its pollution simply because DuPont formerly owned and operated the facility. If Chemours wishes to seek compensation from DuPont, as it has begun to in the Delaware Chancery Court, it is free to do so. Communities living near and downstream of Chemours' facility must not bear the burden of unresolved disputes between the two companies.³

II. State law and the Consent Order require Chemours to clean up its site.

Throughout Chemours' Corrective Action Plan, the company uses uncertainty or a lack of information to justify a failure to act. Because per- and polyfluoroalkyl substances ("PFAS") have not been studied enough, the company argues, it is not certain that there will be harms to human health and the environment; therefore, more protective cleanup should not be required. Chemours is wrong.

The Consent Order and state law are designed to ensure the maximum cleanup is completed, even in the face of uncertainty. The Consent Order requires *maximum* reductions in PFAS loading to surface waters to be implemented as soon as possible. In the long-term, the Consent Order incorporates North Carolina's stringent groundwater cleanup requirements, which mandate the cleanup of pollutants to the lowest levels that are measurable by a laboratory, or as close to those levels as are technologically and economically feasible. As a backstop, the Consent Order requires that PFAS loading to the Cape Fear River, and each stream that flows into it, be reduced by 75 percent *at a minimum*. State water quality standards, which are incorporated into the state groundwater rules, prohibit discharges of PFAS unless the company can demonstrate they are safe. In failing to apply these standards, Chemours ignores its commitments under the Consent Order and those under state law, rendering their Corrective Action Plan non-compliant.

A. State law requires that Chemours clean up its pollution to groundwater standards, or as close as is economically and technologically feasible.

State law mandates the comprehensive cleanup of contaminated groundwater. First, when groundwater contamination has been discovered, the entity responsible must act immediately—even before investigating the scope of the contamination and before developing a corrective action plan. It must "take action upon discovery to terminate and control the

² Letter from Brian D. Long, Chemours, to Sheila Holman, N.C. Department of Environmental Quality ("DEQ"), "Corrective Action Plan – Chemours Fayetteville Works," Dec. 31, 2019, *1.

³ This is particularly true here, where the facility simply changed signs—continuing to employ the same persons responsible for the practices leading to the unprecedented contamination.

discharge,” and “mitigate any hazards resulting from exposure to the pollutants.”⁴ The entity responsible must abate, contain, and control the migration of the contaminants; remove, treat, control primary pollution sources; and remove, treat, and control secondary pollution sources that continue to pollute groundwater, including contaminated soils.⁵

Then, the entity responsible must assess the contamination,⁶ and develop a corrective action plan that includes: “[s]pecific plans, including engineering details where applicable, for restoring groundwater quality;” “a schedule for the implementation and operation of the proposed plan;” and “a monitoring plan for evaluating the effectiveness of the proposed corrective action and the movement of the contaminant plume.”⁷

The state groundwater rules require that “[w]here groundwater quality has been degraded, *the goal of any required corrective action shall be restoration to the level of the standards, or as closely thereto as is economically and technologically feasible* as determined by the Department in accordance with this Rule.”⁸ Pollutants “which are not naturally occurring and for which no standard is specified,” like PFAS, “shall not be permitted in concentrations at or above the practical quantitation limit,”⁹ or the “lowest concentration of a given material that can be reliably achieved among laboratories within specified limits of precision and accuracy by a given analytical method during routine laboratory analysis.”¹⁰ The rules also require that corrective action plans “be implemented using a remedial technology demonstrated to provide *the most effective means*, taking into consideration geological and hydrogeological conditions at the contaminated site, for restoration of groundwater quality to the level of standards.”¹¹

State law thus requires that Chemours begin to contain and control its PFAS groundwater pollution immediately after discovering it; remove, treat, and control all of the sources that contribute to its groundwater pollution, including contaminated soil; and then clean up its groundwater pollution to the lowest concentration level that is measurable by laboratories, or *as close to that level as possible*—and that the company’s corrective action plan reflect these actions and goals.

⁴ 15A N.C. Admin. Code 2L .0106(b).

⁵ 15A N.C. Admin. Code 2L .0106(f).

⁶ 15A N.C. Admin. Code 2L .0106(c), (g).

⁷ 15A N.C. Admin. Code 2L .0106(h). Due to the inadequacy of Chemours’ submission, Cape Fear River Watch has not commented on the company’s proposed monitoring plan. Cape Fear River Watch reserves the right to comment on a future monitoring plan submitted as part of a corrective action plan that complies with the Consent Order and state groundwater rules. Just as Chemours’ Corrective Action Plan is wholly inadequate, so too is its monitoring plan.

⁸ 15A N.C. Admin. Code 2L .0106(a) (emphasis added).

⁹ 15A N.C. Admin. Code 02L .0202(c).

¹⁰ 15A N.C. Admin. Code 02L .0102(15).

¹¹ 15A N.C. Admin. Code 02L .0106(j) (emphasis added).

- B. The Consent Order requires that Chemours achieve maximum reductions from groundwater to rivers and streams within two years, and that Chemours reduce PFAS loading to all rivers and streams by at least 75 percent.

The Consent Order requires that Chemours clean up and control its contaminated groundwater in two stages. Paragraph 12 provides for more immediate implementation of groundwater control measures at the site, whereas paragraph 16 requires the company to conduct long-term cleanup, incorporating the stringent requirements of state law.

Under paragraph 12 of the Consent Order, Chemours must:

submit to DEQ and Cape Fear River Watch a plan demonstrating the *maximum reductions in PFAS loading from the Facility* (including loading from contaminated stormwater, non-process wastewater, and groundwater) to surface waters, including Old Outfall 002, that are economically and technologically feasible, and can be achieved within a two-year period (“PFAS reduction targets”). The plan shall be supported by interim benchmarks to ensure continuous progress in reduction of PFAS loading. If significantly greater reductions can be achieved in a longer implementation period, Chemours may propose, in addition, an implementation period of up to five years supported by interim benchmarks to ensure continuous progress in reduction of PFAS loading.¹²

Under this provision, Chemours was required to submit a plan by August 2019 that demonstrated maximum reductions in PFAS loading from groundwater to surface waters that are feasible, and that could be achieved within two years.

In addition to the short-term implementation of controls required under Consent Order paragraph 12, paragraph 16 requires the company to submit a “complete Corrective Action Plan that complies with the requirements of the 2L Rules.”¹³ These rules require that the company clean up its PFAS groundwater pollution to almost undetectable levels (i.e., the “practical quantitation limit”).

As a backstop to the rules, paragraph 16 of the Consent Order mandates that “[a]t *minimum*, the Corrective Action Plan must require Chemours to reduce the PFAS loading to surface water (Old Outfall 002, Willis Creek, Georgia Branch, and the Cape Fear River), for the PFAS for which test methods and lab standards have been developed, by at least 75% from baseline.”¹⁴ So that those reductions can be measured, the Consent Order requires that Chemours install groundwater monitoring wells along each surface water near the facility (Old Outfall 002, Willis Creek, Georgia Branch, and the Cape Fear River).¹⁵

¹² Consent Order, N.C. Dept. of Environmental Quality v. Chemours, 17 CVS 580, 14-15 (N.C. Super. 2019) (“Consent Order”).

¹³ Consent Order at 21.

¹⁴ *Id.* at 22 (emphasis added).

¹⁵ *Id.* at 22.

Taken together, the goal of the Corrective Action Plan, as dictated by paragraph 16 of the Consent Order, is Chemours' cleanup of all PFAS to as close to the practical quantitation limits as is economically and technologically feasible; and, *at a minimum*, reduction of PFAS loading to Old Outfall 002, to Willis Creek, to Georgia Branch, and to the Cape Fear River by 75 percent for all PFAS.

Despite these requirements, Chemours sent DEQ and Cape Fear River Watch a letter on October 7, 2019, admitting that its August 2019 submission required by paragraph 12 of the Consent Order did not address on-site groundwater, as required.¹⁶ Chemours' letter stated that "addressing on-site groundwater will be a major focus of the Corrective Action Plan due in December" and proposed to "merge the paragraph 12 and 16 requirements."¹⁷ The company went on to promise that it would address groundwater loading to the Cape Fear River *and other surface waters* in its Corrective Action Plan:

Under this approach, Chemours would be obligated to propose in the Corrective Action Plan those feasible measures that would achieve maximum reductions in loadings to surface waters from on-site groundwater in two and five year periods. This would include consideration of measures that could impact not just loadings from on-site groundwater to the Cape Fear River, but to other surface waters as well.¹⁸

As discussed below, Chemours did not do any of this in its Corrective Action Plan.

III. Chemours applied the wrong standard and ignored its obligations under state law and the Consent Order.

Chemours' Corrective Action Plan could hardly do less to meet the clear state law and Consent Order mandates set out above. Instead, the company brazenly attempts to rewrite the law and the Consent Order in order to propose so-called "actions"—actions that cost the company little, and that will leave 45,000 acres of toxic groundwater sitting beneath people's homes, and spilling into the Cape Fear River and streams for the foreseeable future.

A. The Corrective Action Plan will not meet groundwater standards and Chemours does not qualify for an exemption.

Instead of developing a Corrective Action Plan that complies with state groundwater laws, or the Consent Order, Chemours argues that DEQ should instead exempt Chemours from the requirements of state groundwater standards. Chemours argues that it should be released

¹⁶ Letter from Joel M. Gross to Francisco Benzoni and Geoff Gisler, "Chemours' PFAS Loading Reduction Plan," Oct. 7, 2019, included as Attachment 1. DEQ and Cape Fear River Watch have demanded compliance from the company. Letter from Francisco Benzoni and Geoff Gisler to Joel Gross, "Chemours' PFAS Loading Reduction Plan," Sept. 26, 2019, included as Attachment 2; Letter from Francisco Benzoni and Geoff Gisler to Joel Gross, "PFAS Loading Reduction Plan," Oct. 23, 2019, included as Attachment 3.

¹⁷ Letter from Joel M. Gross to Francisco Benzoni and Geoff Gisler, "Chemours' PFAS Loading Reduction Plan," 2-3, Oct. 7, 2019. Note that Cape Fear River Watch and DEQ did not agree to merge the Paragraph 12 and 16 requirements as Chemours proposed.

¹⁸ *Id.* at 3.

from state standards *because* of the historic extent of its contamination, and that it would be too costly to clean it up in compliance with the law. Putting Chemours' attempts to avoid responsibility aside, the company does not qualify for any exemption, its Corrective Action Plan does not meet the required standards, and DEQ must reject the company's plan.

1. *Chemours does not qualify for an exemption from state groundwater standards.*

Chemours asks DEQ to exempt the company from the state's groundwater rules under 15A N.C. Admin. Code 2L .0106(k). For that narrow exemption to apply, however, DEQ must find, based on Chemours' demonstration, that *all* of the following elements are true:

- Chemours must have already removed or controlled “*all sources of contamination and free product*”¹⁹—including “buried waste, waste stockpiles, or surficial accumulations of free products;”²⁰ as well as all “secondary pollution sources that would be potential continuing sources of pollutants to the groundwaters, such as contaminated soils and non-aqueous phase liquids.”²¹
- “[T]he time and direction of contaminant travel can be predicted with reasonable certainty.”²²
- “[C]ontaminants have not and will not migrate onto adjacent properties, or that: (A) such properties are served by an existing public water supply system dependent on surface waters or hydraulically isolated groundwater; or (B) the owners of such properties have consented in writing to the request.”²³
- Groundwater standards “will be met at a location no closer than one year time of travel upgradient of an existing or foreseeable receptor, based on travel time and the natural attenuation capacity of subsurface materials or on a physical barrier to groundwater migration that exists or will be installed by the person making the request.”²⁴
- Because “the contaminant plume is expected to intercept surface waters,” the groundwater discharge cannot “possess contaminant concentrations that would result in violations of standards for surface waters contained in 15A NCAC 02B .0200.”²⁵
- Public notice of the request has been provided.²⁶

¹⁹ 15A N.C. Admin. Code 2L .0106(k) (emphasis added).

²⁰ 15A N.C. Admin. Code 2L .0106(f)(3).

²¹ 15A N.C. Admin. Code 2L .0106(f)(4).

²² 15A N.C. Admin. Code 2L .0106(k)(2).

²³ 15A N.C. Admin. Code 2L .0106(k)(3).

²⁴ 15A N.C. Admin. Code 2L .0106(k)(4).

²⁵ 15A N.C. Admin. Code 2L .0106(k)(5).

²⁶ 15A N.C. Admin. Code 2L .0106(k)(6).

- The proposed corrective action plan would be consistent with all other environmental laws.²⁷

Chemours has not shown, and cannot show, that all of these circumstances exist.

Chemours has not come close to removing or controlling all sources of groundwater contamination.²⁸ Chemours' facility has released PFAS into the air, water, and soil for over four decades. As a result, there are numerous sources of contamination that continue to leach PFAS into the groundwater below. For instance, there are PFAS in soils caused by the deposition of Chemours' air emissions—contamination that remains in soil on-site and off-site.²⁹

Areas at the site have also been polluted by the company's highly toxic process wastewater and other media.³⁰ For decades, PFAS-contaminated wastewater and stormwater traveled throughout the facility.³¹ PFAS clung to soils and sludge, leaked continuously into groundwater, and flushed throughout the site when it rained.³² The company did nothing to contain that contamination.

Polluted solid waste and sludge from the facility's wastewater treatment plant and from sedimentation basins were dumped in unlined pits and lagoons around the site.³³ Because Chemours has not fully excavated that waste, PFAS will continue to leach into groundwater.³⁴ In fact, Chemours outright refuses to conduct such remediation in its plan, stating that although "2L requires removal or control of secondary sources to groundwater such as contaminated soils," it would not remove those sources because "soil remediation would have reduced benefit."³⁵

Sampling at the facility required under paragraph 11 of the Consent Order confirms continuing sources of contamination to groundwater. One sampling location had PFAS

²⁷ 15A N.C. Admin. Code 2L .0106(k)(7).

²⁸ 15A N.C. Admin. Code 2L .0106(k)(1).

²⁹ CAP at 19 (describing the "[i]nfiltrating rainfall [that] has transported these PFAS downward to groundwater.>").

³⁰ CAP at 23-24. This has also been documented by all of Chemours' submissions since its pollution was uncovered in 2017.

³¹ See Attachment 3 of The Chemours Company FC, LLC, Cape Fear River PFAS Loading Reduction Plan, 24, 26 (Aug. 2019).

³² *Id.*

³³ Phase III Resource Conservation and Recovery Act Facility Investigation Report for DuPont Fayetteville Works, Appendix D, SWMU 9, 16 (2014). Given that the historical waste was produced long before Chemours began capturing its PFAS process wastewater, it is likely that the waste contains high concentrations of PFAS and is a continuing source of contamination to groundwater.

³⁴ Note that there is also a rainwater retention basin north of the PPA Manufacturing area that is a known source of PFAS into groundwater that Chemours has not yet investigated. Phase III Resource Conservation and Recovery Act Facility Investigation Report for DuPont Fayetteville Works, Appendix D, SWMU 7 (2014) ("Evidence of a release was identified in the vicinity of the former rain water retention basin north of the PFOA manufacturing facility and a second, similar release occurred on June 23, 2011 from the PPA stack in this same area. PFOA has been identified in shallow groundwater as a result of air deposition in the immediate vicinity of the PFOA manufacturing area being carried via runoff and infiltrating into the subsurface." PFOA is a type of PFAS.).

³⁵ CAP at 55 (emphasis added).

concentrations of 48,000 parts per trillion (“ppt”),³⁶ potentially caused by a leaking terracotta pipe which Chemours says will not be remedied for another year.³⁷ Stormwater in its Nafion Manufacturing area has been measured at concentrations up to 66,000 ppt,³⁸ yet Chemours does not currently have a plan in place to control its stormwater. The wastewater treatment plant discharge has been measured at 36,000 ppt.³⁹ Many channels around the facility that receive wastewater treatment plant discharge and flow from the contaminated Nafion Manufacturing area are unlined or leaking, allowing PFAS to seep into the groundwater below.⁴⁰ The company’s own analysis demonstrates that Chemours has not removed or controlled *all* sources of contamination to groundwater, and does not meet the first and crucial requirement of 15A N.C. Admin. Code 2L .0106(k).

Chemours cannot predict the time and direction of contaminant travel with reasonable certainty.⁴¹ Chemours relies on “retardation factors” to predict contaminant travel, yet has only produced such information for five PFAS.⁴² The company’s own fate and transport study only addresses 24 PFAS.⁴³ The company’s analysis thus only covers a fraction of the pollutants in Chemours’ groundwater. The company has identified an additional 22 PFAS from non-targeted sampling that are not addressed in its fate and transport study,⁴⁴ and Chemours has admitted that there are over 150 PFAS that could be present at the facility.⁴⁵ Even for those covered by the company’s study, Chemours acknowledges that it cannot predict their fate with any certainty.⁴⁶

Chemours cannot demonstrate that its “contaminants have not and will not migrate onto adjacent properties.”⁴⁷ Chemours’ PFAS have migrated onto nearby properties. They have been found in over 1,900 wells that provide drinking water to surrounding residents,⁴⁸ and Chemours cannot ensure that its PFAS-contaminated groundwater will not continue to migrate further onto other properties.⁴⁹ The company also cannot demonstrate that “such properties are

³⁶ The Chemours Company FC, LLC, PFAS Characterization Quarterly Report, Figure 3B (Jan. 2020) (“Chemours Jan. 2020 Characterization Report”).

³⁷ CAP at 18-19.

³⁸ Chemours Jan. 2020 Characterization Report at Figure 3B.

³⁹ *Id.*

⁴⁰ See Attachment 3 of The Chemours Company FC, LLC, Cape Fear River PFAS Loading Reduction Plan, (Aug. 2019).

⁴¹ 15A N.C. Admin. Code 2L .0106(k)(2).

⁴² CAP at 27, 58-59.

⁴³ The Chemours Company FC, LLC., Site Associated PFAS Fate and Transport Study Chemours Fayetteville Works, 3 (June 2019) (“Fate and Transport Study”).

⁴⁴ Fate and Transport Study at 3.

⁴⁵ The Chemours Company FC, LLC., Chemours Fayetteville Works NPDES Permit Application Update, Attachment F-4, “List of PFAS Compounds” (July 2019). (“This list represents the known PFAS compounds that could be present at Chemours – Fayetteville Works and therefore potentially detected in the effluent from the facility.”).

⁴⁶ Fate and Transport Study at 15 (“Site [a]ssociated PFAS have limited publicly available, peer-reviewed literature describing their fate and transport.”).

⁴⁷ 15A N.C. Admin. Code 2L .0106(k)(3).

⁴⁸ The Chemours Company FC, LLC., Consent Order Progress Report for Fourth Quarter 2019, *1.

⁴⁹ DEQ guidance requires that a map “be provided that shows the current plume boundary as well as adjacent properties and those down gradient properties where the plume is expected to migrate. Any supply wells on those properties must be located on the map. An indication of which properties are predicted to be impacted and the technical basis for this determination must also be provided. In addition, a map must be provided that shows the predicted maximum extent of the contamination plume.” DEQ – Division of Water Resources, Guidelines for the

served by an existing public water supply system dependent on surface waters or hydraulically isolated groundwater;” or that “the owners of such properties have consented in writing to the request.”⁵⁰ Hundreds of affected properties are not served by existing public water supplies,⁵¹ and the property owners have not consented in writing to Chemours’ pollution being on their property.

Chemours cannot show that groundwater standards will be met upgradient of existing or foreseeable receptors. 15A N.C. Admin. Code 2L .0106(k)(4) requires that groundwater standards will “be met at a location no closer than one year time of travel upgradient of an existing or foreseeable receptor, based on travel time and the natural attenuation capacity of subsurface materials or on a physical barrier to groundwater migration that exists or will be installed by the person making the request.”⁵² Groundwater upgradient of anyone who might be exposed to the company’s contamination, and other potential receptors,⁵³ will not meet practical quantitation limits for PFAS—Chemours admits as much.⁵⁴ Chemours has also not shown that there is any physical barrier to groundwater migration, nor has the company proposed to install a physical barrier to prevent that migration.

Chemours cannot demonstrate that its PFAS groundwater discharge will not cause violations of standards in surface waters.⁵⁵ Applicable surface water standards include the North Carolina Toxics Substances Standard, which requires that: “[T]he concentration of toxic substances [...] in surface waters shall not render waters injurious to [...] public health, or impair the waters for any designated uses,”⁵⁶ as well as the Class C water quality standard: 15A N.C. Admin. Code 02B .0211(12), which requires that wastes “shall not render waters injurious to public health, secondary recreation, or to aquatic life and wildlife, [...] or impair the waters for any designated uses.” To meet these standards, Chemours must demonstrate that it is not harmful to public health to continue to expose the public to the PFAS that it has subjected hundreds of thousands of people for decades. The company has not even considered such a study. Lack of information cannot be a basis to excuse Chemours from taking responsibility for its actions; it must instead be a bar to demonstrating compliance with applicable water quality standards. Therefore, Chemours cannot demonstrate compliance with either the North

Investigation and Remediation of Soil and Groundwater Contamination, 27 (2017). Chemours has not satisfied these requirements.

⁵⁰ 15A N.C. Admin. Code 2L .0106(k)(3).

⁵¹ Chemours has not finished installing filters, or providing alternative drinking supplies for everyone with a contaminated well. It has not even finished sampling wells. So the company cannot claim that properties are effectively served by an uncontaminated drinking water supply. DEQ guidance states that “[s]uitable water supplies must meet the regulatory definition of a public water supply and be approved by the DWR Public Water Supply Section,” and that documentation must be provided. *Id.*

⁵² 15A N.C. Admin. Code 2L .0106(k)(4).

⁵³ DEQ guidance interprets “receptors” broadly to include “utility lines, public and domestic water supply wells, surface waters, and regions of groundwater that have been identified for planned resource development by state or local governments.” *Id.* at 27-28. In addition, DEQ guidance requires that “[a]ll existing and foreseeable receptors” “be identified on the base map.” *Id.* at 27.

⁵⁴ Chemours unilaterally concludes, without providing evidence, that meeting practical quantitation limits would not be feasible, and argues for “alternate cleanup standards.” *See* CAP at 51-60.

⁵⁵ 15A N.C. Admin. Code 2L .0106(k)(5).

⁵⁶ 15A N.C. Admin. Code 02B .0208.

Carolina Toxic Substances Standard or the Class C water quality standard, 15A N.C. Admin. Code 02B .0211(12).

Because Chemours fails to satisfy the requirements for 15A N.C. Admin. Code 2L .0106(k)'s exemption to the groundwater rules, the company must clean up its groundwater to practical quantitation limits, or as close as is technologically and economically feasible.

2. *The Corrective Action Plan does not attempt to, and will not, meet groundwater standards.*

Chemours admits that the Corrective Action Plan will not clean up groundwater to practical quantitation limits—the applicable standard for PFAS. The company also does not propose remediation that comes as close to practical quantitation limits is technologically and economically feasible, as state law requires.

Instead, Chemours unilaterally decides that achieving practical quantitation limits is infeasible without providing any evidence.⁵⁷ That omission alone is sufficient reason to reject the plan. Feasibility under state law is determined by DEQ, not by Chemours.⁵⁸ Therefore, Chemours must provide DEQ with sufficient supporting documentation so that the agency can make the determination as to what actions are economically and technologically feasible. It has not.

Even if Chemours were able to prove to DEQ's satisfaction that achieving practical quantitation limits is not economically feasible or technologically feasible, state law requires that Chemours come as close as possible to that standard—and that its Corrective Action Plan reflects that goal.⁵⁹ The plan, however, does not even consider methods to meet this mandatory standard. The only action Chemours proposes to take to clean up its on-site groundwater is to pump water from a handful of existing wells at a rate of 14 gallons per minute, after admitting that pumping at such a low rate would not meaningfully reduce the contamination.⁶⁰

Despite admitting that the “most effective means” to stop groundwater from flowing into surface water is to install a barrier wall,⁶¹ the company argues that the technology is not available

⁵⁷ Chemours makes broad sweeping statements about how it could not possibly meet groundwater standards without providing any evidence or supporting documentation for those statements. For instance, the company states that any remedy which “could help make progress towards PQLs over this area would cost in the billions to tens of billions of dollars.” CAP at 56. It claims that a pump and treat system “with the goal of restoring groundwater to PQLs would cost an economically infeasible amount of over a billion dollars and would almost certainly not achieve PQLs and not achieve any additional benefit in loading reductions to the Cape Fear River greater than those already proposed in this CAP.” CAP at 57. It adds that “[E]x situ treatment will become asymptotic and not achieve cleanup goals.” CAP at 57. None of these broad, conclusory statements are supported by evidence.

⁵⁸ State law requires that Chemours restore all contaminated groundwater to the level of standards, “or as closely thereto as is economically and technologically feasible *as determined by the Department.*” 15A N.C. Admin. Code 2L .0106(a) (emphasis added).

⁵⁹ 15A N.C. Admin. Code 2L .0106(a).

⁶⁰ The Chemours Company FC, LLC, Memorandum, “Response to Cape Fear River Watch Comments Dated December 19, 2019,” Jan. 31, 2020, at 11. (Chemours states that pumping at 70 gallons per minute would not “meaningfully reduce loadings to the Cape Fear River.”).

⁶¹ CAP at xvii.

to remedy the problem. The company’s long-term goal—to wait-and-see what “remedial approaches” become available—is unacceptable.⁶² First, the law is clear: it requires that the company come as close to practical quantitation limits as is feasible. Second, state groundwater rules contemplate the development of new technology, but they do not allow a polluter to delay cleanup. The rules state that if DEQ determines that a new technology is available at some point in the future “that would remediate the contaminated groundwater to the standards...,” DEQ “may require the responsible party to evaluate the economic and technological feasibility of implementing the new technology in *an active* groundwater corrective action plan.”⁶³ Chemours must act now. If new technology is developed, DEQ may determine whether or not that technology would be effective and require Chemours to evaluate it. Finally, effective technology exists. The company admits that there is an effective way to prevent groundwater from leaving the site, but is simply reluctant to pay for it.⁶⁴

Similarly, the company argues that DEQ should wait-and-see what groundwater cleanup standards are developed in the future, rather than developing a plan that attempts to achieve practical quantitation limits.⁶⁵ State groundwater rules specifically provide for situations in which the groundwater cleanup standards have not been provided, and prioritize maximum cleanup in the face of uncertainty.⁶⁶ To wait for groundwater standards to be developed before implementing a Corrective Action Plan that comes as close as possible to achieving practical quantitation limits would be rewriting the law and excuse historic levels of groundwater contamination.

3. *DEQ must reject Chemours’ false and self-motivated claims that its pollution will not harm communities and the environment.*

Chemours argues that its toxic PFAS contamination is not harming people or the environment, and therefore “hypothetical remedies” that would clean up its pollution “are not considered necessary.”⁶⁷ At the outset, this is not the applicable standard, as discussed above. Moreover, the company’s exposure assessments are fundamentally flawed. In arguing that its groundwater does not need to be cleaned up, Chemours relies only on existing human health data for GenX—one out of dozens of PFAS released by the facility.⁶⁸ Chemours’ ecological

⁶² CAP at 54; *see also* CAP at 51.

⁶³ 15A N.C. Admin. Code 2L .0106(o).

⁶⁴ CAP at xvii. (“It is not presently possible to conclude with confidence whether this alternative is economically feasible”).

⁶⁵ CAP at 51.

⁶⁶ 15A N.C. Admin. Code 02L .0202(c); 15A N.C. Admin. Code 02L .0102(15).

⁶⁷ CAP at 56. Chemours impermissibly uses this as a cleanup goal. It states that its cleanup goal for off-site groundwater is to “maintain human exposures to HFPO-DA below the North Carolina Department of Health and Human Services (NCDHHS) reference dose (achieved per HH-SLEA results and replacement drinking water actions).” CAP at 54.

⁶⁸ CAP, Appendix F – Offsite Human Health Screening Level Exposure Assessment (SLEA) of Table 3+ PFAS, at 35 (“The hazard characterization is limited to an assessment of HFPO-DA based on the current availability of toxicity criteria.”). Because Chemours’ assessment is limited to GenX, or HFPO-DA, its conclusions regarding harm to human health must be limited to GenX. *See id.* at 50 (“[B]ased on the provisional hazard characterization, HFPO-DA does not pose a human health hazard... Under current conditions, no human health hazards from HFPO-DA were identified for consumptive use of untreated surface water from the Bladen and Kings Bluffs public supply intake points... In summary, the SLEA demonstrates that *current concentrations of HDPO-DA* in the environment in the

assessment is similarly unsupported by data.⁶⁹ In addition to Table 3+ PFAS and GenX, Chemours has identified an additional 22 PFAS from non-targeted sampling that are not addressed in the assessment,⁷⁰ and Chemours has admitted that there over 150 PFAS that could be present at the facility.⁷¹

Furthermore, recent retesting of 2014 and 2015 samples downstream of Chemours facility revealed that people have been drinking water with PFAS concentrations that are far higher than previously suspected, including high levels of PFAS *other than GenX*, such as PFMOAA, PFO₂HxA and PFO₃OA. A 2014 sample below Chemours' outfall had PFAS concentrations of about 990,000 ppt.⁷² Another sample near the drinking water intake for people in Wilmington and Brunswick County had PFAS concentrations of 130,000 ppt.⁷³ Detlef Knappe, the N.C. State University scientist conducting the sampling, stated that these high concentrations are the “current best estimate of what people in the Wilmington area were drinking for [...] 37 years.”⁷⁴ Focused only on GenX, Chemours' assessment, therefore, barely begins to cover the breadth of its PFAS pollution, and the devastating impact it has had, and will continue to have, on people nearby and downstream.⁷⁵

Despite knowing that it has exposed hundreds of thousands of people to dozens of other PFAS at high levels, Chemours justifies its failure to fully evaluate other PFAS—and to clean up its groundwater—on a lack of information. The company states that “the lack of toxicity information for other Table 3+ PFAS also introduces uncertainty to the [Human Health Screening Level Exposure Assessment] but data are not available to evaluate the potential effect, if any, on the conclusions hazard characterization.”⁷⁶

For years, Chemours profited due to the public and the agency's lack of knowledge about these chemicals. By relying on a human health assessment that is supported by insufficient data in order to claim that no one will be harmed, Chemours again attempts to profit over the lack of information about PFAS. Chemours again attempts to put the burden of uncertainty on communities that have already suffered for decades from the company's actions.

Fortunately, the law places the risk of uncertainty on Chemours. There is a reason that unnatural, poorly studied chemicals are not permitted in groundwater. State law could not be clearer on how to deal with uncertainty regarding a chemical's toxicity: if there is no standard,

vicinity of the Facility are unlikely to pose a hazard to human health, even in the absence of groundwater treatment.”).

⁶⁹ CAP at 42. (“[T]his analysis was unable to assess hazards to exposed receptors for Table 3+ PFAS other than HFPO-DA”).

⁷⁰ Fate and Transport Study at 3.

⁷¹ The Chemours Company FC, LLC, Chemours Fayetteville Works NPDES Permit Application Update, Attachment F-4, “List of PFAS Compounds” (July 2019).

⁷² Adam Wagner, *NC State-led study shows Cape Fear River had ‘incredibly high’ levels of chemicals*, THE NEWS&OBSERVER, Oct. 10, 2019, available at <https://www.newsobserver.com/article235963052.html> (last visited Feb. 25, 2020).

⁷³ *Id.*

⁷⁴ *Id.*

⁷⁵ For the same reason, the “Potential Future Risk-Based Remediation” proposed by Chemours in the company's plan is also inappropriate in this situation. See CAP at 60.

⁷⁶ CAP at 40.

the chemical must be removed. DEQ's decision here is not difficult. Chemours has decided to submit a corrective action plan that does not attempt to comply with the law. The company's plan must be rejected.

B. Chemours' plan does not comply with the Consent Order and DEQ should impose penalties.

As discussed in Section II(B) of these comments, Chemours has violated the groundwater remediation requirements under paragraph 12 of the Consent Order since August 26, 2019. Chemours' Corrective Action Plan also violates paragraph 16 of the Consent Order. Paragraph 16 of the Consent Order requires, at a minimum, a 75 percent reduction in PFAS loading to *each* surface water near the plant: Old Outfall 002, Willis Creek, Georgia Branch Creek, and the Cape Fear River.⁷⁷ So that those reductions can be measured, the Consent Order requires that Chemours install groundwater monitoring wells along *each* surface water near the facility (Old Outfall 002, Willis Creek, Georgia Branch, and the Cape Fear River).⁷⁸

In addition to the base failures of the company's plan, Chemours attempts to unilaterally rewrite the Consent Order by limiting its cleanup goal is to reduce PFAS loading *only* to the Cape Fear River by 75 percent—thereby ignoring groundwater flow to all other surface waters.⁷⁹ This is a blatant violation of the Consent Order. DEQ must reject the Corrective Action Plan, require full compliance with the Order, and impose penalties on the company.

IV. State law demands action.

DEQ must discard Chemours' plan and require maximum cleanup of the company's groundwater. In evaluating the company's Corrective Action Plan, state law requires that DEQ consider “the extent of any violations, the extent of any threat to human health or safety, the extent of damage or potential adverse impact to the environment, technology available to accomplish restoration, the potential for degradation of the contaminants in the environment, the time and costs estimated to achieve groundwater quality restoration, and the public and economic benefits to be derived from groundwater quality restoration.”⁸⁰ Each of these factors warrants DEQ's rejection of Chemours' current plan, and mandates that Chemours do more.

Chemours' violations are extensive. As stated in DEQ's complaint against Chemours, filed in the Bladen County Superior Court, Chemours has committed extensive violations.⁸¹ The company knew that it was dumping PFAS into surface waters, including drinking water supplies; it repeatedly misled DEQ about its manufacturing processes, discharges, and the harmfulness of GenX; it violated state groundwater rules; and it violated its National Pollutant Discharge Elimination System permit and state water quality laws, and discharged without a permit.⁸²

⁷⁷ Consent Order at 22

⁷⁸ *Id.* at 21-22.

⁷⁹ CAP at 51. (“The Cape Fear River receives discharge from Old Outfall 002, Willis Creek and Georgia Branch Creek, onsite seeps and onsite groundwater. Therefore, reducing Cape Fear River PFAS mass loading by at least 75% was established as the cleanup goal.”).

⁸⁰ 15A N.C. Admin. Code 2L .0106(i).

⁸¹ Amended Complaint, N.C. Dept. of Environmental Quality v. Chemours, 17 CVS 580 (N.C. Super. 2018).

⁸² *Id.*

Chemours’ pollution has caused extensive damage, and continues to threaten human health and public safety. Chemours’ violations are especially concerning because DEQ, the Environmental Protection Agency, other agencies, and other states acknowledge the serious threats to human health and safety posed by PFAS contamination. Two of the most commonly studied PFAS—perfluorooctanoic acid (“PFOA”) and perfluorooctane sulfonate (“PFOS”)—have been found to cause developmental effects to fetuses and infants, kidney and testicular cancer, liver malfunction, hypothyroidism, high cholesterol, ulcerative colitis, lower birth weight and size, obesity, decreased immune response to vaccines, reduced hormone levels, and delayed puberty.⁸³ EPA established a lifetime health advisory of 70 ppt for the combined concentrations of PFOA and PFOS in drinking water.⁸⁴

Since then, in June 2018, the Agency for Toxic Substances and Disease Registry released an updated Draft Toxicological Profile for PFOA, PFOS, and other PFAS—suggesting that many of the chemicals are much more harmful than previously thought. For instance, the minimum risk levels, or the amount of a chemical a person can eat, drink, or breathe each day without a detectable risk to health, was determined to be only 11 ppt for PFOA, and 7 ppt for PFOS.⁸⁵ Epidemiological studies show that many of these same health outcomes result from exposure to other PFAS.⁸⁶ Given these harms, states like Michigan, New York, New Hampshire, New Jersey, and Vermont have acknowledged the dangers of these compounds and have either proposed or finalized drinking water standards for various PFAS at 20 ppt and lower.⁸⁷

Communities downstream of Chemours’ facility are still receiving drinking water with PFAS concentrations much higher than these health-based values. As recently as October 2019, total PFAS concentrations at the Cape Fear Public Utility Authority’s raw and finished water reached nearly 400 ppt.⁸⁸ Sampling results in December 2019 were still around 100 ppt.⁸⁹

⁸³ Arlene Blum et al., *The Madrid Statement on Poly- and Perfluoroalkyl Substances (PFASs)*, 123 ENVTL. HEALTH PERSPECTIVES 5, A 107 (2015); U.S. EPA, *Fact Sheet: PFOA & PFOS Drinking Water Health Advisories*, 2.

⁸⁴ EPA, *Fact Sheet: PFOA & PFOS Drinking Water Health Advisories* at 2.

⁸⁵ Cape Fear Public Utility Authority (CFPUA), *CFPUA Statement on Recently Released DHHS Report* (June 21, 2018); see also ATSDR, *Toxicological Profile for Perfluoroalkyls, Draft for Public Comment* (June 2018) (“Draft 2018 Toxicological Profile for Perfluoroalkyls”).

⁸⁶ Draft 2018 Toxicological Profile for Perfluoroalkyls at 5-6, 25-26.

⁸⁷ Press Release, Mich. Dep’t of Env’t, Great Lakes, and Energy, *Michigan moves forward on PFAS in drinking water rules* (June 27, 2019), available at https://www.michigan.gov/egle/0,9429,7-135-3308_3323-500772--,00.html (last visited Feb. 24, 2020); *New York to set limits for industrial chemicals in water*, AP, July 8, 2019, available at <https://apnews.com/63bffd42efaf49d08d114ea4443491f0> (last visited Feb. 24, 2020); Annie Ropeik, *N.H. Approves Unprecedented Limits for PFAS Chemicals in Drinking Water*, NHPR, July 18, 2019, available at <https://apnews.com/63bffd42efaf49d08d114ea4443491f0> (last visited Feb. 24, 2020); Press Release, Vt. Agency of Nat. Res., *Agency Of Natural Resources Initiates Rulemaking Process To Adopt Maximum Contaminant Level For PFAS Compounds*, available at <https://anr.vermont.gov/content/agency-natural-resources-initiates-rulemaking-process-adopt-maximum-contaminant-level-pfas> (last visited Feb. 24, 2020); James M. O’Neill, *NJ proposes strict new drinking water standards for cancer-linked chemicals*, NORTH JERSEY RECORD, Apr. 1, 2019, available at <https://www.northjersey.com/story/news/environment/2019/04/01/nj-sets-stringent-drinking-water-standard-cancer-linked-chemicals-pfoa-pfos-pfas/3334281002/> (last visited Feb. 24, 2020); Interstate Tech. Regulatory Council, *PFAS Fact Sheets*, Section 4 Tables (Aug. 2019).

⁸⁸ Cape Fear Public Utility Authority, *Emerging Contaminants*, available at <https://www.cfpua.org/761/Emerging-Compounds> (last visited Feb. 24, 2020).

⁸⁹ *Id.*

If Chemours does not clean up its groundwater and prevent it from continuously leaking into rivers and streams, these communities will continue to suffer.

Chemours' pollution also threatens the environment. PFAS have been shown to cause damaging effects in fish,⁹⁰ amphibians,⁹¹ mollusks,⁹² and other aquatic invertebrates⁹³—resulting in developmental and reproductive impacts, behavioral changes, adverse effects to livers, disruption to endocrine systems, and weakened immune systems.⁹⁴ Moreover, PFAS are extremely resistant to breaking down in the environment, can travel long distances, and bioaccumulate in organisms.⁹⁵

Technology is available to remove PFAS pollution. Future threats and harms caused by Chemours pollution can be eliminated because, as the company stated in its Corrective Action Plan, the technology exists to prevent the company's pollution from entering surface waters and harming downstream communities and aquatic ecosystems.⁹⁶ And the technology might even exist to control off-site groundwater.⁹⁷

⁹⁰ Huang, et al., *Toxicity, uptake kinetics and behavior assessment in zebrafish embryos following exposure to perfluorooctanesulphonic acid (PFOS)*, 98 AQUATIC TOXICOLOGY 139–147 (2010); Jantzen, et al., *PFOS, PFNA, and PFOA sub-lethal exposure to embryonic zebrafish have different toxicity profiles in terms of morphometrics, behavior and gene expression*, 175 AQUATIC TOXICOLOGY 160–170 (2016); Hagenaaars, et al., *Structure–activity relationship assessment of four perfluorinated chemicals using a prolonged zebrafish early life stage test*, 82 CHEMOSPHERE 764–772 (2011); Du, et al., *Chronic effects of water-borne PFOS exposure on growth, survival and hepatotoxicity in zebrafish: A partial life-cycle test*, 74 CHEMOSPHERE 723–729 (2009); Rotondo, et al., *Environmental doses of perfluorooctanoic acid change the expression of genes in target tissues of common carp*, 37 ENVIRON. TOXICOLOGY & CHEM. 942–948 (2018); Liu, et al., *The thyroid-disrupting effects of long-term perfluorononanoate exposure on zebrafish (Danio rerio)*, 20 ECOTOXICOLOGY 47–55 (2011); Chen, et al., *Multigenerational Disruption of the Thyroid Endocrine System in Marine Medaka after a Life-Cycle Exposure to Perfluorobutanesulfonate*, 52 ENVIRON. SCI. & TECH. 4432–4439 (2018); Chen, et al., *Perfluorobutanesulfonate Exposure Causes Durable and Transgenerational Dysbiosis of Gut Microbiota in Marine Medaka*, 5 ENVIRON. SCI. & TECH. LETTERS 731–738 (2018); Chen, et al., *Accumulation of perfluorobutane sulfonate (PFBS) and impairment of visual function in the eyes of marine medaka after a life-cycle exposure*, 201 AQUATIC TOXICOLOGY 1–10 (2018).

⁹¹ Ankley, et al., *Partial Life-Cycle Toxicity And Bioconcentration Modeling of Perfluorooctanesulfonate in the Northern Leopard Frog (Rana pipiens)*, 23 ENVIRON. TOXICOLOGY & CHEM. 2745 (2004); Cheng, et al., *Thyroid disruption effects of environmental level perfluorooctane sulfonates (PFOS) in Xenopus laevis*, 20 ECOTOXICOLOGY 2069–2078 (2011); Lou, et al., *Effects of perfluorooctanesulfonate and perfluorobutanesulfonate on the growth and sexual development of Xenopus laevis*, 22 ECOTOXICOLOGY 1133–1144 (2013).

⁹² Liu, et al., *Oxidative toxicity of perfluorinated chemicals in green mussel and bioaccumulation factor dependent quantitative structure-activity relationship*, 33 ENVIRON. TOXICOLOGY & CHEM. 2323–2332 (2014); Liu, et al., *Immunotoxicity in green mussels under perfluoroalkyl substance (PFAS) exposure: Reversible response and response model development*, 37 ENVIRON. TOXICOLOGY & CHEM. 1138–1145 (2018).

⁹³ Ji, et al., *Oxicity of Perfluorooctane Sulfonic Acid and Perfluorooctanoic Acid on Freshwater Macroinvertebrates (Daphnia magna and Moina macrocopa) and Fish (Oryzias latipes)*, 27 ENVIRON. TOXICOLOGY & CHEM. 2159 (2008); Houde, et al., *Endocrine-disruption potential of perfluoroethylcyclohexane sulfonate (PFECBS) in chronically exposed Daphnia magna*, 218 ENVIRON. POLLUTION 950–956 (2016); Liang, et al., *Effects of perfluorooctane sulfonate on immobilization, heartbeat, reproductive and biochemical performance of Daphnia magna*, 168 CHEMOSPHERE 1613–1618 (2017); MacDonald, et al., *Toxicity Of Perfluorooctane Sulfonic Acid and Perfluorooctanoic Acid to Chironomus tentans*, 23 ENVIRON. TOXICOLOGY & CHEM. 2116 (2004).

⁹⁴ See supra notes 92-95.

⁹⁵ Draft 2018 Toxicological Profile for Perfluoroalkyls at 2, 534; see also EPA, *Technical Fact Sheet - Perfluorooctane Sulfonate (PFOS) and Perfluorooctanoic Acid (PFOA)*, 1, 3 (Nov. 2017).

⁹⁶ CAP at xvii.

⁹⁷ The Chemours Company FC, LLC, Cape Fear River PFAS Loading Reduction Plan – Supplemental Information Report, 53-55 (Nov. 2019).

PFAS do not degrade. Chemours' failure to apply available technology in its plan is critical because, as the company admits, PFAS do not degrade.⁹⁸

Chemours' complaints about cost pale in comparison to the harm caused by the company's pollution. Chemours' intentional dumping of toxic PFAS into the air, water, and soil has devastated southeastern North Carolina. Municipalities are spending hundreds of millions of dollars on clean drinking water.⁹⁹ Multiple generations of families have gotten sick.¹⁰⁰ People who have been unknowingly drinking tainted water for decades are terrified and enraged every day. Residents who have newly moved into the area are shattered when they discover the contaminated water beneath their homes.¹⁰¹ It is crucial that Chemours be held responsible for the harm that it has caused to these people and to the environment, and that DEQ requires Chemours to eliminate the harms it has caused.

Even if the cleanup costs billions of dollars—as Chemours claims without support—Chemours has, for decades, profited from its PFAS chemicals and from its unchecked pollution. Chemours is a multi-billion-dollar company. Just last year, the company had \$5.5 billion in net sale.¹⁰² The local communities and municipalities that are already suffering from the company's intentional contamination should not be the ones left to shoulder the burden. DEQ must now require the company to incur the costs to clean up that pollution.

The public, local communities, and municipalities will benefit tremendously from an effective cleanup. If DEQ holds Chemours to its commitments under the Consent Order and state law, there will be tremendous public and economic benefits from the resulting groundwater cleanup—both tangible and intangible. For instance, families may be able to rest knowing that the water they drink, and the rivers they swim and fish in, are no longer laced with Chemours' toxic chemicals. Homeowners might be able to sell their homes for a reasonable price. Drinking water utilities may not have to incur the heavy cost of upgrades. The local economy may benefit without the stigma of Chemours' PFAS pollution. By holding Chemours accountable, DEQ will make it less likely that other corporations will be so reckless with their industrial pollution.

⁹⁸ CAP at 58.

⁹⁹ Makenzie Holland, *Cleaner water could cost Brunswick, CFPUA water customers*, STARNEWS ONLINE, Apr. 11, 2019, available at <https://www.starnewsonline.com/news/20180411/cleaner-water-could-cost-brunswick-cfpua-water-customers> (last visited Feb. 24, 2020); Paul Woolverton, *Cumberland County to spend \$10.5M to send water to GenX contaminated Gray's Creek*, THE FAYETTEVILLE OBSERVER, Jan. 6, 2020, available at <https://www.fayobserver.com/news/20200106/cumberland-county-to-spend-105m-to-send-water-to-genx-contaminated-graysquos-creek> (last visited Feb. 24, 2020); Greg Barnes, *Local governments, residents having to foot bill for industrial contamination*, NORTH CAROLINA HEALTH NEWS, Jan. 7, 2020, available at <https://www.northcarolinahealthnews.org/2020/01/07/local-governments-residents-having-to-foot-bill-for-industrial-contamination/> (last visited Feb. 24, 2020).

¹⁰⁰ Sharon Lerner, *New Teflon Toxin Found in North Carolina Drinking Water*, THE INTERCEPT, June 17, 2017, available at <https://theintercept.com/2017/06/17/new-teflon-toxin-found-in-north-carolina-drinking-water/> (last visited Feb. 24, 2020).

¹⁰¹ Greg Barnes, *People are buying houses unaware of 'forever chemicals' in their well water*, NORTH CAROLINA HEALTH NEWS, Jan. 6, 2020, available at <https://www.northcarolinahealthnews.org/2020/01/06/people-are-buying-houses-unaware-of-forever-chemicals-in-their-well-water/> (last visited Feb. 24, 2020).

¹⁰² Press Release, The Chemours Company Reports Fourth Quarter and Full Year 2019 Results, Feb. 13, 2020, available at <https://investors.chemours.com/news-releases/news-releases-details/2020/The-Chemours-Company-Reports-Fourth-Quarter-and-Full-Year-2019-Results/> (last visited Mar. 11, 2020).

Based on a thorough analysis of all relevant factors under 15A N.C. Admin. Code 2L .0106(k), therefore, state law mandates that DEQ require maximum cleanup and control of the company's groundwater pollution.

V. Conclusion

With this proposed Corrective Action Plan, Chemours continues to put the cost of its contamination on everyone else: on families downstream, on well owners, on utilities trying to provide clean drinking water, on DuPont. DEQ must not allow it.

DEQ cannot allow Chemours' blatant disregard for the law and for the well-being of those living in southeastern North Carolina to continue. DEQ must exercise its full authority under the Consent Order to seek penalties for Chemours' violations of paragraphs 12 and 16, reject Chemours' proposed plan, and require that the company clean up its PFAS pollution.

Thank you for considering these comments. Please contact me at ggisler@selcnc.org or 919-967-1450 if you have any questions regarding this letter.

Sincerely,



Geoffrey R. Gisler
Senior Attorney



Jean Zhuang
Staff Attorney



Kelly Moser
Senior Attorney

Cc (via email):
Dana Sargent, CFRW
Kemp Burdette, CFRW
Bill Lane, DEQ
Francisco Benzoni, NCDOJ

Michael Abraczinskas, DAQ
Michael Scott, DWM
Linda Culpepper, DWR
David Shelton, Chemours
Brian Long, Chemours
John Savarese, Wachtell, Lipton
Joel Gross, Arnold & Porter

ATTACHMENT 1

October 7, 2019

VIA E-MAIL

Francisco Benzoni
Special Deputy Attorney General
Environment Division
114 Edison Street
Raleigh, NC 27603

Geoff Gisler
Senior Attorney
Southern Environmental Law Center
601 W. Rosemary Street
Chapel Hill, NC 27516

Re: Chemours' PFAS Loading Reduction Plan

Dear Francisco and Geoff:

This is in response to your September 26, 2019 letter concerning the PFAS Loading Reduction Plan (the "Reduction Plan"), which Chemours submitted on August 26, 2019, as required under paragraph 12 of the Consent Order.

Chemours agrees that the Paragraph 12 requirements "represent central components of the Consent Order," and Chemours has approached those requirements consistent with that understanding. To that end:

- We suggested meetings, which took place with DEQ on May 22 and with CFRW on June 6, to preview for you how Chemours was approaching this project and related ones, and to get your early input.
- Prior even to the submission of the Reduction Plan, we requested and scheduled the joint meeting with DEQ and CFRW that took place on September 13, 2019 in Raleigh, to have Chemours' consultants review the key components of the Reduction Plan, and get your early input on them.
- In response to the input we received at the September 13 meeting, I contacted you both on September 20 to suggest a path forward that addressed the questions and concerns you raised at the meeting.

Arnold & Porter

October 7, 2019

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Simply put, we know that paragraph 12 is important to you, and Chemours is committed to working with both DEQ and CFRW to finalize a plan that we will all agree meets the requirements of the Consent Order and expeditiously achieves maximum reductions in PFAS loadings from the Fayetteville Works facility to surface waters.

That said, we do not agree with a number of the assertions in your September 26 letter or with the letter's suggestion that the Reduction Plan does not satisfy the requirements of Paragraph 12. The Reduction Plan is a robust work product based on voluminous data collection. It outlines a series of seven significant steps that Chemours is prepared to take and that is expected to reduce PFAS loadings by more than half in the two-to-five-year time frame. However, rather than debate the sufficiency of the Reduction Plan as submitted, we are prepared to take the following additional steps to address your questions and concerns as stated in the meeting and in your letter:

Submission of Supplemental Plan: Chemours will submit a Supplemental Plan by November 1, 2019. The Supplemental Plan will build on the information provided to you at the September 13 meeting and will contain planning level cost estimates for the remedial measures in the Reduction Plan, and further information on the economic and technological feasibility of the remedial measure options that are not being proposed. The Supplemental Plan will also provide further information on the timetables for the actions proposed in the Reduction Plan. In that regard, we understand your timing concern to be substantially related to the period necessary to address the seeps. The Supplemental Plan will address why the five-year period identified in the Reduction Plan was selected and what Chemours is prepared to do to expedite the process to the extent feasible. Similar analyses will be provided for the timetables for other proposed actions.

Technical Meeting Concerning Seeps: In regard to the seeps, and the challenges they present, we look forward to our technical meeting on October 16 at which our engineers can discuss with yours how the project is being envisioned, and the specific remedial options under consideration. We think that will be an important foundation for drafting language for the Consent Order that will incorporate the seep remediation project in a manner that provides DEQ and CFRW with assurances that the project will be comprehensive and expeditious, and also provides Chemours the flexibility to design and engineer the project effectively and efficiently.

On-Site Groundwater: Your letter raises a concern about the fact that the Reduction Plan does not include action to address on-site groundwater. It states that "The company has found that onsite groundwater contributes up to 22 percent of the PFAS loading into the Cape Fear River ... Yet the submission does not evaluate any remedial options for onsite groundwater." As you know, addressing on-site groundwater will be a major focus of the Corrective Action Plan due in December, and Chemours and its consultants are

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intensively engaged in evaluating the data in the Site Assessment submitted on September 30, and finalizing the site model that will allow for precise evaluation of the benefits that could be realized from different potential options to address on-site groundwater.

For that reason, the Reduction Plan had proposed to address on-site groundwater issues as part of the Corrective Action Plan. *See, e.g.*, Reduction Plan at v, 1, 19, 20, 32. You have expressed concern that those issues should also be a part of the Paragraph 12 process and its requirements for maximum feasible reductions in the two or five year period. To address that concern while allowing Chemours the necessary time to consider on-site groundwater remedial options in an orderly and efficient manner, we propose, as I have previously communicated to you, that we agree to merge the Paragraph 12 and 16 requirements with respect to on-site groundwater. This would be consistent with the provision of paragraph 12.g of the Consent Order stating that “Chemours may propose such a Corrective Action Plan that integrates the requirements of this paragraph.”

Under this approach, Chemours would be obligated to propose in the Corrective Action Plan those feasible measures that would achieve maximum reductions in loadings to surface waters from on-site groundwater in two and five year periods. This would include consideration of measures that could impact not just loadings from on-site groundwater to the Cape Fear River, but to other surface waters as well. This integrated approach would also ensure that the shorter term and longer term actions being proposed are consistent.

Interim Actions: At the September 13 meeting and in your letter, you raised the issue of potential interim actions if, for example, the seep remediation project took as long as five years. Chemours agrees that such interim actions should be considered, and proposes that it identify those actions in the integrated Corrective Action Plan to be submitted in December.

Time to Amend the Consent Order: Chemours is prepared to stipulate, as you have proposed, to an extension to December 9, 2019 for submission of a motion to amend the Consent Order to incorporate Paragraph 12 commitments. However, we ask you to consider stipulating to a longer extension, until February 2020, for this submission. That would allow DEQ and CFRW sufficient time to review the Supplemental Plan and determine whether they agree with Chemours’ feasibility assessment, and would allow the parties to present a comprehensive set of modifications to the Court by the first anniversary of the Consent Order. Moreover, allowing additional time to work through these issues will not delay the actual reductions of PFAS loadings, as Chemours will move forward with all proposed actions even prior to the Consent Order amendments.

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We hope you will agree that the path forward articulated above is responsive to your concerns. I suggest that we arrange a time in the next few days to discuss this, and I will contact each of you to schedule that.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel M. Gross". The signature is fluid and cursive, with the first name "Joel" being the most prominent part.

Joel M. Gross

ATTACHMENT 2

September 26, 2019

Via Email

Joel Gross
Arnold & Porter Kaye Scholer LLP
Counsel for The Chemours Company, LLC
601 Massachusetts Ave, NW
Washington, DC 20001-3743
Joel.Gross@arnoldporter.com

Re: Chemours' PFAS Loading Reduction Plan

The North Carolina Department of Environmental Quality (“DEQ”) and Cape Fear River Watch have reviewed Chemours’ PFAS Loading Reduction Plan, submitted on August 26, 2019. As we made clear during our meeting on September 13, 2019, we believe that the plan must be supplemented and revised in order to satisfy the requirements of Paragraph 12.

Under Paragraph 12 of the Consent Order, Chemours is required to:

submit to DEQ and Cape Fear River Watch a plan demonstrating the *maximum reductions in PFAS loading from the Facility* (including loading from contaminated stormwater, non-process wastewater, and groundwater) to surface waters, including Old Outfall 002, that are economically and technologically feasible, and *can be achieved within a two-year period* (“PFAS reduction targets”). The plan shall be supported by interim benchmarks to ensure continuous progress in reduction of PFAS loading. *If significantly greater reductions can be achieved* in a longer implementation period, Chemours may propose, in addition, an implementation period of up to five years supported by interim benchmarks to ensure continuous progress in reduction of PFAS loading.

Chemours’ August 26, 2019 submission lacks required information and analysis.

First, the submission does not evaluate remedial options for some of the largest pathways of pollution identified by company. The company has found that onsite groundwater contributes up to 22 percent of the PFAS loading into the Cape Fear River. Reduction Plan at 13. Yet the submission does not evaluate any remedial options for onsite groundwater. Remedial options for onsite groundwater that Chemours has previously identified, but has not evaluated in this submission, include:

- Installation of a recovery trench(es), and pumping and treating contaminated groundwater from the Perched Zone;

- Construction of a horizontal recovery well, and pumping and treating contaminated groundwater from the Perched Zone;
- Installation of temporary vertical well points and headers to dewater the Perched Zone and treat contaminated groundwater;
- Pumping and treating contaminated groundwater from Surficial and Black Creek Aquifers using existing long-term wells;
- Pumping and treating contaminated groundwater from Surficial and Black Creek Aquifers using vertical recovery wells;
- Pumping and treating contaminated groundwater from Surficial and Black Creek Aquifers using horizontal recovery wells;
- Installation of sheet pile wall parallel to surface waters and treating contaminated groundwater from the Surficial and Black Creek Aquifers; and
- Installation of a permeable reactive barrier wall parallel to surface waters.

Chemours Focused Feasibility Study Report – PFAS Remediation (Feb. 2018) at 15-19. It is unclear why Chemours chose not to analyze these methods in its submission. Chemours' proposal to defer all consideration of groundwater remediation to the corrective action plan due at the end of this year suggests that Chemours may view such remediation as outside the scope of paragraph 12. However, paragraph 12 requires maximum feasible reductions in PFAS loading to surface waters that can be achieved in a two-year period, *regardless of source*.

The submission similarly does not evaluate remedial options for Willis Creek and Georgia Branch Creek, two tributaries of the Cape Fear River that have long received, and continue to receive, PFAS contamination from the facility. The submission estimates that Willis Creek and Georgia Branch together contribute up to 14% of PFAS loading to the Cape Fear River. Reduction Plan at 13. Groundwater seeps to Willis Creek have had combined PFAS concentrations measured as high as 22,000 ppt, and seeps to Georgia Branch Creek have had combined concentrations measured at 3,500 ppt. Seeps and Creeks Investigation Report at 19. Whereas Chemours proposes to capture and treat groundwater seeps into the Cape Fear River, the company proposes nothing for the seeps into Willis Creek and Georgia Branch Creek. Under paragraph 12, the company must evaluate a range of remedial options for each pathway of pollution. This evaluation is necessary to ensure that DEQ and Cape Fear River Watch can consider Chemours selection of remedial measures that will achieve *maximum* feasible reductions in PFAS loading, as stated in the Consent Order.

Second, the submission lacks any analysis of economic and technological feasibility. For instance, the submission states that feasible actions “were not identified for the Willis Creek, Georgia Branch Creek and offsite groundwater pathways. Any potential actions for these pathways would be extensively disruptive to local wildlife habitats and costs would be disproportionately high compared to relative benefits.” Reduction Plan at 19. However, the company has provided no analysis to support that claim. Similarly, when dismissing remedial options for Outfall 002, the submission simply includes a table that has checkmarks for whether or not an option is

technologically and economically feasible. Reduction Plan at 29. Without detailed information on the feasibility of the options identified, DEQ and Cape Fear River Watch cannot meaningfully assess the submission.

Third, the submission does not satisfy Chemours' burden of demonstrating that GenX and PFMOAA concentrations in Outfall 002 cannot be reduced by at least 80%. While the submission identifies some options that could be implemented to achieve a greater than 80% reduction, the submission rules out the two most impactful options on the grounds that costs would be "extremely high" and "disproportionately large compared to estimated benefits to Cape Fear River loading reductions." The submission does not include any information to support the assertion that the costs of these measures are "extremely high" let alone disproportionately so, particularly in light of the downstream utilities' plans to invest over \$150 million to treat river water contaminated by PFAS. In order to satisfy Chemours' burden of demonstrating that PFAS concentrations cannot be reduced by at least 80%, Chemours must provide detailed information to support its conclusion that these measures are infeasible.

Fourth, the submission does not justify the time frames for the remedial actions that are proposed. The Consent Order requires Chemours to present the parties with maximum reductions that "can be achieved within a two-year period." Only "*if significantly greater reductions can be achieved in a longer implementation period*" can Chemours propose remediation options that take "up to five years." In its submission, Chemours proposes to address four groundwater seeps into the Cape Fear River, and asserts that a five-year timeline is needed to carry out its proposal without any analysis and without any discussion of whether there are interim actions that can be taken within two years that will significantly reduce PFAS loading to the Cape Fear River. Reduction Plan at 21. In its revised submission, the company must discuss what options can be achieved within two years for each pathway of pollution. If Chemours proposes a longer time frame for any remedial options, it must show that "significantly greater reductions can be achieved."

In summary, in order for DEQ and Cape Fear River Watch to be able to assess the adequacy of Chemours' PFAS Loading Reduction Plan, Chemours must revise the plan to include the following information, as required by Paragraph 12(a) of the Consent Order:

- Chemours must identify a range of options available to reduce PFAS loading from the facility to the Cape Fear River, Willis Creek, Georgia Branch Creek, and Old Outfall 002 from contaminated groundwater (including groundwater-fed seeps), stormwater, and non-process wastewater that can be achieved within a two-year period. *For each option identified, Chemours must provide an analysis of the economic and technological feasibility of the option, along with an estimate of anticipated reductions. If Chemours proposes not to implement a measure that has been identified, Chemours must demonstrate that the measure is technologically or economically infeasible or that less expensive measures can be implemented to achieve the same or a better result.*

- For any of the pathways of contamination to the Cape Fear River, Willis Creek, Georgia Branch Creek, and Old Outfall 002, Chemours must evaluate whether significantly greater reductions can be achieved in more than two years, but less than five years. *This analysis must include an economic and technological feasibility analysis for each remedial option identified along with an estimate of the additional reductions that can be achieved by extending the time period for implementation to more than two years but less than five years. For any options that extend beyond two years, interim measures and benchmarks should also be identified.*

In the interest of working together to reach agreement upon measures that can be incorporated into the Consent Order, we propose that the Parties stipulate to an extension of time for submission of a motion to amend the Consent Order to December 9, 2019. DEQ and Cape Fear River Watch request that Chemours submit a revised plan by November 1, 2019.

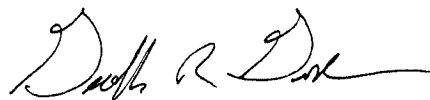
Chemours' obligations under Paragraph 12 represent central components of the Consent Order designed to ensure maximum feasible reductions in PFAS loading to the Cape Fear River and downstream public water intakes. DEQ and Cape Fear River Watch intend to fully enforce the requirements set forth in the Consent Order to ensure that these goals are met.

Please contact the undersigned if you have any questions regarding this letter.

Sincerely,



Francisco Benzoni
*Counsel for the North Carolina Department of
Environmental Quality*



Geoff Gisler
Counsel for Cape Fear River Watch

Cc (via email):

Sheila Holman, DEQ

Bill Lane, DEQ

Michael Abraczinskas, DAQ

Michael Scott, DWM

Linda Culpepper, DWR

Asher Spiller, NC DOJ

Dana Sargent, CFRW

Kemp Burdette, CFRW

Kelly Moser, SELC

Jean Zhuang, SELC

David Shelton, Chemours

Brian Long, Chemours

John Savarese, Wachtell, Lipton, Rosen & Katz

ATTACHMENT 3

October 23, 2019

Via Email

Joel Gross
Arnold & Porter Kaye Scholer LLP
Counsel for The Chemours Company, LLC
601 Massachusetts Ave, NW
Washington, DC 20001-3743
Joel.Gross@arnoldporter.com

Re: PFAS Loading Reduction Plan

Dear Joel:

The North Carolina Department of Environmental Quality (“DEQ”) and Cape Fear River Watch have reviewed your October 7, 2019 response to the letter we sent on September 26, 2019, attached here for convenience. As we stated, Chemours’ PFAS Loading Reduction Plan, submitted in August 2019, did not meet the requirements of Paragraph 12 of the consent order. We intend to enforce the requirements of Paragraph 12 as originally contemplated and agreed to by Chemours.

We do not agree with your proposal to “merge the Paragraph 12 and 16 requirements with respect to on-site groundwater.” Paragraph 12’s requirement that Chemours provide a plan to demonstrate “maximum reductions in PFAS loading from the Facility (including loading from contaminated . . . groundwater)” was included in the original consent order filed November 21, 2018. Chemours has, therefore, been on notice for nearly eleven months that such an analysis was required, yet did not include the required analysis in its August 26th submittal. This submittal did not comply with the requirements of the consent order.

In our September 26 letter, Cape Fear River Watch and DEQ gave Chemours the opportunity to submit a revised plan—complete with the elements described in our September 26 letter—by November 1, 2019. In your October 7, 2019 response, you indicated Chemours would provide some additional information and analysis in a November 1, 2019 submittal, but you also made clear that Chemours does not intend to address groundwater measures in its November 1 submission. During a telephone call on October 18, 2019, you stated once again that Chemours will not address groundwater measures its November 1, 2019 submittal. As we indicated in our October 18, 2019 telephone call, Chemours’ failure to address groundwater measures in its Paragraph 12 submittal is unacceptable to us, and we will not agree to an unjustified four-month delay from the consent order’s deadline.

It remains our position that Chemours’ November 1, 2019 should include (and that its August 2019 submittal should have included) the following information:

- Chemours must identify a range of options available to reduce PFAS loading from the facility to the Cape Fear River, Willis Creek, Georgia Branch Creek, and Old Outfall 002 from contaminated groundwater (including groundwater-fed seeps), stormwater, and non-process wastewater that can be achieved within a two-year period. For each option identified, Chemours must provide an analysis of the economic and technological feasibility of the option, along with an estimate of anticipated reductions. If Chemours proposes not to implement a measure that has been identified, Chemours must demonstrate that the measure is technologically or economically infeasible or that less expensive measures can be implemented to achieve the same or a better result.
- For any of the pathways of contamination to the Cape Fear River, Willis Creek, Georgia Branch Creek, and Old Outfall 002, Chemours must evaluate whether significantly greater reductions can be achieved in more than two years, but in less than five years. This analysis must include an economic and technological feasibility analysis for each remedial option identified along with an estimate of the additional reductions that can be achieved by extending the time period for implementation to more than two years but less than five years. For any options that extend beyond two years, interim measures and benchmarks should also be identified.

We further specifically request that Chemours' November 1, 2019 submission include a discussion of interim measures identified by the company to address PFAS loading from seeps into the Cape Fear River, including but not limited to those discussed at the on-site meeting on October 16.

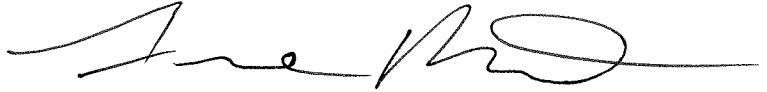
DEQ and Cape Fear River Watch continue to evaluate appropriate next steps in response to Chemours' failure to provide an adequate submittal under Paragraph 12. We remain committed to ensuring that Chemours achieve maximum feasible reductions of PFAS loading from the facility to the Cape Fear River and downstream drinking water intakes on an expedited basis. We will not hesitate to exercise our rights under the consent order to the fullest extent possible to achieve this goal.

Although Chemours must move forward with its November 1 submittal as described above, we propose that counsel meet and confer by no later than November 8, 2019 to discuss a path forward that will resolve the issues outlined in this letter and ensure swift and significant reductions in PFAS loading to the Cape Fear River.

This letter serves as notice pursuant to paragraph 38 of the consent order that Cape Fear River Watch considers this issue a "compliance concern that could result in an enforcement action."

Please contact the undersigned if you have any questions regarding this letter.

Sincerely,



Francisco Benzoni
*Counsel for the North Carolina Department of
Environmental Quality*



Geoff Gisler
Counsel for Cape Fear River Watch

Cc (via email):

Sheila Holman, DEQ

Bill Lane, DEQ

Michael Abraczinskas, DAQ

Michael Scott, DWM

Linda Culpepper, DWR

Asher Spiller, NC DOJ

Dana Sargent, CFRW

Kemp Burdette, CFRW

Kelly Moser, SELC

Jean Zhuang, SELC

David Shelton, Chemours

Brian Long, Chemours

John Savarese, Wachtell, Lipton, Rosen & Katz

From: wilddaisydeb@aol.com
To: [SVC_DENR.publiccomments](#)
Subject: [External] Groundwater Corrective Action plan
Date: Wednesday, April 1, 2020 8:24:28 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

From:
Debra Stewart (property owner)
Jason Stewart (occupant)
2494 Factory Lane
St. Pauls, NC 28384
Wilddaisydeb@aol.com

To: Department of Environmental Quality

Secretary Michael Regan

RE: Written Non-Concurrence to the proposed Groundwater Corrective Action

Plan 1601 Mail Service Center

Raleigh, N.C. 27699-1601

publiccomments@ncdenr.gov

Subject: Public Comment to the proposed Groundwater Corrective Action Plan

1. I am one of the “affected parties: per 15A NCAC 02L .0202(c) and § 143-215.2A. (Relief for contaminated private drinking water wells). **I DO NOT CONCUR** with the Corrective Action Plan (CAP) as written. I am providing my non-concurrence IAW 15A NCAC 02L .0106(k) (3) and provide my written notification to the Secretary of DEQ and Governor of the State of North Carolina. I demand equal treatment under the laws of North Carolina and demand Secretary Regan force Chemours and/or Dupont to provide a Permanent Solutions for all wells found to be contaminated in exceedance of NC Groundwater Standards listed in 15A NCAC 02L .0202. It is the belief that § 143-215.2A, which was enacted in June 2018 and became a State Statute can still be used to force Chemours and/or Dupont to run water at their expense. Paragraph 34 utilized the verbiage Session Law 2018-5 Sec 13.1(c) when it was signed and enacted in February 2019 over 8 months after § 143-215.2A had been enacted as a State Law. Referring to it as Session Law 2018-5 Sec 13.1 (c) thus makes the limitations that DEQ attempted to place on the use of § 143-215.2A invalid. Since the enactment of the Consent Order Chemours has been in violation in all testing of wells as they are not testing for all chemicals agreed upon in Attachment C as both **PFMOPrA (Perfluoro-3- methoxypropanoic acid)** & **PFMOBA (Perfluoro-4- methoxybutanoic acid)** are not tested for. GEL Labs can test for these two compounds as they are tested for during NC DEQ testing of wells.

2. As an adjacent property owner IAW the requirements of 15A NCAC 02L .0106(k)(3) **I DO**

NOT consent to the **proposed Corrective Action Plan**. It is required by the provisions of 15A NCAC 02L .0106(k)(3) to gain approval of the property owners for the Corrective Action Plan that was submitted for the Chemours i.e. the Fayetteville Works Facility (Geosyntec Project Number TR0795). To date not one property owner that has been requested to provide consent. Unless Chemours and/or Dupont provides equal solutions for all “affected parties” i.e. anybody with a Well that has been found to have any PFAS contamination from the Fayetteville Works Facility (not limited to Attachment C of the consent order) in the means of a Whole Home Solution be it Granular Activated Carbon Systems or Public Water. **I nonconcur with the Corrective Action Plan. Chemours & Dupont cannot be permitted to contaminate our groundwater wells, soil and vegetation without being required to remediate what they have damaged or a Permanent whole home water solution. Cost to remediate or Public water should be the only feasible solution regardless of costs i.e. the \$75K DEQ imposed limit.**

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15A NCAC 02L .0106(k)(3) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the availability of public water supplies for the affected area; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph. The person making the request shall demonstrate:

- (1) that all sources of contamination and free product have been removed or controlled pursuant to Paragraph (f) of this Rule;
- (2) that the time and direction of contaminant travel can be predicted with reasonable certainty;
- (3) that contaminants have not and will not migrate onto adjacent properties, or that:
 - (A) such properties are served by an existing public water supply system dependent on surface waters or hydraulically isolated groundwater; or
 - (B) the owners of such properties have consented in writing to the request;

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providing permanent whole home solutions. I do not consent IAW (3)(B) until Chemours provides that resolution voluntarily or forced by the State.

5. Per 15A NCAC 02L .0106(b) Any person conducting or controlling an activity that results in the discharge of a **waste** or **hazardous substance** or oil **to the groundwaters** of the State, or in proximity thereto, shall take action upon discovery to terminate and control the discharge, mitigate any hazards resulting from exposure to the pollutants and notify the Department, as defined in 15A NCAC 02C .0102, of the discharge. Chemours and Dupont violated 15A NCAC 02L .0106 (d) Any person conducting or controlling an activity that is conducted under the authority of a permit initially issued by the

Department on or after December 30, 1983 pursuant to G.S. 143-215.1 or G.S. 130A-294 and that results in an increase in concentration of a substance in excess of the standards. This was known by NC DEQ as far back as December 2016 when Chemours delivered the Corrective Measures Study to DEQ. So for three years Chemours failed to address a Corrective Action Plan, and has only done so to meet a requirement of a Consent Order.

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7. 15A NCAC 02L .0106 (a) **Where groundwater quality has been degraded, the goal of any required corrective action shall be restoration to the level of the standards, or as closely thereto as is**

economically and technologically feasible as determined by the Department in accordance with this

Rule. If Chemours and/or Dupont cannot remediate all wells they have contaminated in violation of the

15A NCAC 02L .0202 standards. **For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules.** At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible. **The size of the area encompasses thousands of private land parcels and any remedial construction activities using currently available remedial technologies (excavation**

and groundwater extraction) would be very disruptive to the local community and this disruption would continue for a lengthy period of time. Any remedy which in principle could help make progress towards PQLs over this large area would cost in the billions to tens of billions of dollars.

8. I as one of the “affected parties” are demanding that NC DEQ protect our rights and force Chemours and/or Dupont the polluters to either remediate the damages to our Groundwater Wells or provide permanent whole home solutions i.e. Whole Home Granular Activated Carbon or Public Water connections with a defined period of the polluter paying for the water bills. The same solution provided for the Coal Ash “Affected Parties”.

9. Areas of Corrective Action Plan that indicate why Chemours and/or Dupont should be forced to provide Whole Home Filtration or Public Water for all those with wells that indicate exceedance of the NC Groundwater Standards 15A NCAC 02L .0202(c). When referring to the costs associated with providing the above remediation it must be taken into account that Chemours is gaining a cost savings of \$5,000,000 per month in cost savings for the elimination of shipping the Waste Water to Texas. It must also be taken into account the processing of the Waste from the Netherlands in determining the feasibility of providing public water or Whole Home Solutions to all “affected parties”. Affected Party is any property found with a groundwater well in exceedance of the NC Ground Water Standards established by the NC Environmental

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Comply with 2L Rules (CO paragraph 16), including following the policy for the intention of the 2L Rules

“to maintain and preserve the quality of the groundwaters, prevent and abate pollution and contamination of the water of the state, protect public health, and permit management of the groundwaters for their best usage by the citizens of North Carolina” (15A NCAC 02L .0103)1; and comply with other requirements of the CO.

Response to Page xiv

Chemours is not in compliance with the Consent Order as they are not testing for all of the Chemicals listed on Attachment C. The two compounds that are not tested for are PFMOPra (Perfluoro-3- methoxypropanoic acid) & PFMOBA (Perfluoro-4- methoxybutanoic acid). This should be a complaint that all address to Michael Scott and Michael Regan @ NC DEQ. Prior to approval of a Corrective Action Plan NC DEQ should ensure that the Consent Order is actually enforced and that a permanent remediation solution or permanent whole home water solutions are provided.

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Because the results of the HH-SLEA and Ecological SLEA indicate that exposures to HFPO-DA in offsite environmental media do not pose a hazard to human health or the environment, site-specific, risk-based cleanup goals were not developed; rather, cleanup goals are based on CO and 2L rules. ****

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Response: to Chemours CAP Page xvi

Most all wells tested have multiple Chemicals in the wells. Some as many as 9- 16 yet in documents like this Corrective Action Plan you will see Chemours discussion relate to only HFPO-DA. In the Ground Water Quality Standard of the State of North Carolina under 15A NCAC 02L .0202(b)(2) Where two or more substances exist in combination, the Director shall consider the effects of chemical interactions as determined by the Division of Public Health and may establish maximum concentrations at values less than those established in accordance with Paragraphs (c), (h), or (i) of this Rule. In the absence of information to the contrary, in accordance with Paragraph (d) of this Rule, the carcinogenic risks associated with carcinogens present shall be considered additive and the toxic effects associated with non-carcinogens present shall also be considered additive.

I as an “affected party”: per 15A NCAC 02L .0202(c) and § 143-215.2A (Relief for contaminated private drinking water wells) demand that the Secretary of DEQ and Governor of the State of North Carolina force Chemours and/or Dupontto provide a Permanent Solution for all wells found to be contaminated in exceedance of the NC Groundwater Standards as the remedy for our contaminated wells based on the admission that Chemours has no plan for remediation of our contaminated properties. Secretary Regan needs to follow NC Groundwater Quality Standards as well as enforce the Consent Order. Failure to do so is a failure to perform the duties of office.

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From: wilddaisydeb@aol.com
To: [SVC_DENR.publiccomments](#)
Subject: [External]
Date: Wednesday, April 1, 2020 8:15:38 PM

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From:
Debra Stewart (property owner)
Jason Stewart (occupant)
2494 Factory Lane
St. Pauls, NC 28384
Wilddaisydeb@aol.com

To: Department of Environmental Quality

Secretary Michael Regan

RE: Written Non-Concurrence to the proposed Groundwater Corrective Action

Plan 1601 Mail Service Center

Raleigh, N.C. 27699-1601

publiccomments@ncdenr.gov

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To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Corrective Action
Date: Wednesday, April 1, 2020 8:05:31 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

From:
Debra Stewart
Homeowner and Resident
2462 Factory Lane
St. Pauls, NC 28383
wilddaisydeb@aol.com

To: Department of Environmental Quality

Secretary Michael Regan

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Raleigh, N.C. 27699-1601

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3. 15A NCAC 02L .0106(k)(3) is very clear and it states:

15A NCAC 02L .0106(k)(3) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the availability of public water supplies for the affected area; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph. The person making the request shall demonstrate:

- (1) that all sources of contamination and free product have been removed or controlled pursuant to Paragraph (f) of this Rule;
- (2) that the time and direction of contaminant travel can be predicted with reasonable certainty;
- (3) that contaminants have not and will not migrate onto adjacent properties, or that:
 - (A) such properties are served by an existing public water supply system dependent on surface waters or hydraulically isolated groundwater; or
 - (B) the owners of such properties have consented in writing to the request;

4. There is still contamination in our trees specifically pine type trees and our soil that Chemours has no intention of remediating. This will continue to have pass through contamination caused by rainfall passing thru the vegetation. As such (1) will not be achieved and neither will (2) above. Contaminants have migrated off of the Fayetteville Works Facility to the adjacent properties as far as 11 miles from the center of the facility covering an area in excess of 125 square miles and growing. All properties could be provided public water supply IAW 15A NCAC 02L .0106 (k) at far less in cost that the cost to remediate an area over 125 square miles. Of whole home water filtration could be provided to all homes with detection of PFAS in exceedance of the NC Ground Water Quality Standards. Chemours can make the choice to fund billion to tens of billions of dollars of cleanup or millions for providing permanent whole home solutions. I do not consent IAW (3)(B)

until Chemours provides that resolution voluntarily or forced by the State.

5. Per 15A NCAC 02L .0106(b) Any person conducting or controlling an activity that results in the discharge of a **waste** or **hazardous substance** or oil **to the groundwaters** of the State, or in proximity thereto, shall take action upon discovery to terminate and control the discharge, mitigate any hazards resulting from exposure to the pollutants and notify the Department, as defined in 15A NCAC 02C .0102, of the discharge. Chemours and Dupont violated 15A NCAC 02L .0106 (d) Any person conducting or controlling an activity that is conducted under the authority of a permit initially issued by the

Department on or after December 30, 1983 pursuant to G.S. 143-215.1 or G.S. 130A-294 and that results in an increase in concentration of a substance in excess of the standards. This was known by NC DEQ as far back as December 2016 when Chemours delivered the Corrective Measures Study to DEQ. So for three years Chemours failed to address a Corrective Action Plan, and has only done so to meet a requirement of a Consent Order.

5. IAW 15A NCAC 02L .0106 (k) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the **availability of public water supplies for the affected area**; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph.

6. The manner in which the consent order lists § 143-215.2A an State Law that was enacted in June of 2018 prior to the Enactment of the Consent Order in February of 2019. Session Law 2018-5 Sec 13.1 (c) is irrelevant as it had been enacted as a State Law prior upon ratification in June of 2018. So it should not have been referred to as Session Law 2018-5, but as the State Statute and since listed incorrectly in Paragraph 34 of the Consent Order is invalid and the Secretary of DEQ can still force the polluters to pay for permanent whole solution be that Whole Home Granular Activated Carbon or the running of Public water Systems to all homes found with a well in violation of the NC Ground Water Standards.

7. 15A NCAC 02L .0106 (a) **Where groundwater quality has been degraded, the goal of any required corrective action shall be restoration to the level of the standards, or as closely thereto as is**

economically and technologically feasible as determined by the Department in accordance with this

Rule. If Chemours and/or Dupont cannot remediate all wells they have contaminated in violation of the

15A NCAC 02L .0202 standards. **For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules.** At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible. **The size of the area encompasses thousands of private land parcels and any remedial construction activities using currently available remedial technologies (excavation and groundwater extraction) would be very disruptive to the local community and this**

disruption would continue for a lengthy period of time. Any remedy which in principle could help make progress towards PQLs over this large area would cost in the billions to tens of billions of dollars.

8. I as one of the “affected parties” are demanding that NC DEQ protect our rights and force Chemours and/or Dupont the polluters to either remediate the damages to our Groundwater Wells or provide permanent whole home solutions i.e. Whole Home Granular Activated Carbon or Public Water connections with a defined period of the polluter paying for the water bills. The same solution provided for the Coal Ash “Affected Parties”.

9. Areas of Corrective Action Plan that indicate why Chemours and/or Dupont should be forced to provide Whole Home Filtration or Public Water for all those with wells that indicate exceedance of the NC Groundwater Standards 15A NCAC 02L .0202(c). When referring to the costs associated with providing the above remediation it must be taken into account that Chemours is gaining a cost savings of \$5,000,000 per month in cost savings for the elimination of shipping the Waste Water to Texas. It must also be taken into account the processing of the Waste from the Netherlands in determining the feasibility of providing public water or Whole Home Solutions to all “affected parties”. Affected Party is any property found with a groundwater well in exceedance of the NC Ground Water Standards established by the NC Environmental

Page xiv

Comply with 2L Rules (CO paragraph 16), including following the policy for the intention of the 2L Rules

“to maintain and preserve the quality of the groundwaters, prevent and abate pollution and contamination of the water of the state, protect public health, and permit management of the groundwaters for their best usage by the citizens of North Carolina” (15A NCAC 02L .0103)1; and comply with other requirements of the CO.

Response to Page xiv

Chemours is not in compliance with the Consent Order as they are not testing for all of the Chemicals listed on Attachment C. The two compounds that are not tested for are PFMOPrA (Perfluoro-3- methoxypropanoic acid) & PFMOBA (Perfluoro-4- methoxybutanoic acid). This should be a complaint that all address to Michael Scott and Michael Regan @ NC DEQ. Prior to approval of a Corrective Action Plan NC DEQ should ensure that the Consent Order is actually enforced and that a permanent remediation solution or permanent whole home water solutions are provided.

Page xvi

Because the results of the HH-SLEA and Ecological SLEA indicate that exposures to HFPO-DA in offsite environmental media do not pose a hazard to human health or the environment, site-specific, risk-based cleanup goals were not developed; rather, cleanup goals are based on CO and 2L rules. ****

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limits (PQLs) except as otherwise provided in the rules. At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible.

For offsite groundwater receptors, provide public water connections or whole building filtration units or reverse osmosis units to qualifying surrounding residents (CO paragraphs 19 and 20);

Response: to Chemours CAP Page xvi

Most all wells tested have multiple Chemicals in the wells. Some as many as 9- 16 yet in documents like this Corrective Action Plan you will see Chemours discussion relate to only HFPO-DA. In the Ground Water Quality Standard of the State of North Carolina under 15A NCAC 02L .0202(b)(2) Where two or more substances exist in combination, the Director shall consider the effects of chemical interactions as determined by the Division of Public Health and may establish maximum concentrations at values less than those established in accordance with Paragraphs (c), (h), or (i) of this Rule. In the absence of information to the contrary, in accordance with Paragraph (d) of this Rule, the carcinogenic risks associated with carcinogens present shall be considered additive and the toxic effects associated with non-carcinogens present shall also be considered additive.

I as an “affected party”: per 15A NCAC 02L .0202(c) and § 143-215.2A (Relief for contaminated private drinking water wells) demand that the Secretary of DEQ and Governor of the State of North Carolina force Chemours and/or Dupontto provide a Permanent Solution for all wells found to be contaminated in exceedance of the NC Groundwater Standards as the remedy for our contaminated wells based on the admission that Chemours has no plan for remediation of our contaminated properties. Secretary Regan needs to follow NC Groundwater Quality Standards as well as enforce the Consent Order. Failure to do so is a failure to perform the duties of office.

We deserve whole home solutions that can only be achieved by GAC water filtration or county water being run to every home in the Grays Creek community. We eat, drink, bathe, breathe these chemicals from DuPont Chemours with exposure 24/7 since 1980. Our clothing is impregnated with these chemicals as we have no choice but to wash our clothing with this water, we sleep in bed linen impregnated with these chemicals. Please protect us and clean up our water. Hold these companies accountable for polluting our homes, land, air, water, and wildlife areas.

From: bethgrandel@gmail.com
To: [SVC_DENR.publiccomments](#)
Subject: [External] GenX
Date: Tuesday, March 31, 2020 9:44:37 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

- **Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which its proposed plan fails to do.**
- **DEQ must ensure that Chemours—not families nearby and downstream communities already burdened by exposure and health risks—pays the costs to clean up its pollution.**
- **Let DEQ know that, with 45,000 acres of polluted, leaking groundwater, Chemours' plan will not clean up the problem and will leave our communities, drinking water, and the Cape Fear River at risk.**

Sent from my iPhone

From: [Mike McKay](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours
Date: Monday, March 30, 2020 1:26:53 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which its proposed plan fails to do.

Chemours—not families nearby and downstream communities already burdened by exposure and health risks—pays the costs to clean up its pollution.

45,000 acres of polluted, leaking groundwater, Chemours' plan will not clean up the problem and will leave our communities, drinking water, and the Cape Fear River at risk.

Respectfully,
Michael McKay

Sent from my iPad

From: [Barbara Bakowycz](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours
Date: Sunday, March 29, 2020 2:24:41 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

- **Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which its proposed plan fails to do.**
- **DEQ must ensure that Chemours—not families nearby and downstream communities already burdened by exposure and health risks—pays the costs to clean up its pollution.**
- **With 45,000 acres of polluted, leaking groundwater, Chemours' plan will not clean up the problem and will leave our communities, drinking water, and the Cape Fear River at risk.**

I'm a registered nurse in my 60's. In the midst of the Covid-19 pandemic I continue to make weekly trips refilling gallons of RO filtered water. As are many others. Allowing Chemours to remain unaccountable and not paying for their complicit actions is beyond egregious.

What say you DEQ?

J. Barbara Bakowycz RN

Sent from my iPad

From: [Brian Habenicht](#)
To: [SVC_DENR_publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Saturday, March 28, 2020 8:09:09 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Brian Habenicht
52 Westwood Pl
Asheville, NC 28806-4224

From: [Laura Carrpenter](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, March 27, 2020 2:54:05 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Laura Carrpenter
8609 Beeswood Dr
Charlotte, NC 28277-5695

From: [Morris-McLawhorn, Bridgette R](#)
To: [SVC_DENR.publiccomments](#)
Subject: Public comments received
Date: Thursday, March 26, 2020 1:11:52 PM
Attachments: [2020 03 26 public comment on proposed GW corrective action plan 2.pdf](#)
[2020 03 26 public comment on proposed GW corrective action plan.pdf](#)

Good afternoon,

Please find attached two public comments received on the proposed GW corrective action plan.

Thanks,

Bridgette Morris-McLawhorn
Executive Assistant to Secretary Michael Regan &
Chief Deputy Secretary John Nicholson
North Carolina Department of Environmental Quality

(919) 707-8643 office
(984) 328-2303 mobile
bmorris@ncdenr.gov

217 West Jones Street
1601 Mail Service Center
Raleigh, NC 27699

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

Please READ
& Do NOT DISMISS
& IGNORE CONTAMINATION
To FAVOR Chemours!
WE NEED HELP!!!

HERMAN & RANDA DUNN
Name
904 Circle Point Ct.
Address
FAYETTEVILLE, NC 28306
City / State / Zip
redranda1@aol.com
Email or Phone #

RECEIVED
Office of the Secretary

MAR 26 2020

Department of Environmental Quality

Department of Environmental Quality

Secretary Michael Regan

RE: Written Non-Concurrence to the proposed Groundwater Corrective Action Plan

1601 Mail Service Center

Raleigh, N.C. 27699-1601

publiccomments@ncdenr.gov

Subject: Public Comment to the proposed Groundwater Corrective Action Plan

I am one of the "affected parties: per 15A NCAC 02L .0202(c) and § 143-215.2A. (Relief for contaminated private drinking water wells). **I DO NOT CONCUR with the Corrective Action Plan (CAP) as written.** I am providing my non-concurrence IAW 15A NCAC 02L .0106(k) (3) and provide my written notification to the Secretary of DEQ and Governor of the State of North Carolina. I demand equal treatment under the laws of North Carolina and demand Secretary Regan force Chemours and/or Dupont to provide a Permanent Solutions for all wells found to be contaminated in exceedance of NC Groundwater Standards listed in 15A NCAC 02L .0202. It is the belief that **§ 143-215.2A, which was enacted in June 2018 and became a State Statute can still be used to force Chemours and/or Dupont to run water at their expense.** Paragraph 34 utilized the verbiage Session Law 2018-5 Sec 13.1(c) when it was signed and enacted in February 2019 over 8 months after § 143-215.2A had been enacted as a State Law. Referring to it as Session Law 2018-5 Sec 13.1 (c) thus makes the limitations that DEQ attempted to place on the use of § 143-215.2A invalid. **Since the enactment of the Consent Order Chemours has been in violation in all testing of wells as they are not testing for all chemicals agreed upon in Attachment C as both PFMOPrA (Perfluoro-3- methoxypropanoic acid) & PFMOBA (Perfluoro-4- methoxybutanoic acid) are not tested for.** GEL Labs can test for these two compounds as they are tested for during NC DEQ testing of wells.

As an adjacent property owner IAW the requirements of 15A NCAC 02L .0106(k)(3) **I DO NOT consent to the proposed Corrective Action Plan.** It is required by the provisions of 15A NCAC 02L .0106(k)(3) to gain approval of the property owners for the Corrective Action Plan that was submitted for the Chemours i.e. the Fayetteville Works Facility (Geosyntec Project Number TR0795). To date not one property owner that has been requested to provide consent. Unless Chemours and/or Dupont provides equal solutions for all "affected parties" i.e. anybody with a Well that has been found to have any PFAS contamination from the Fayetteville Works Facility (not limited to Attachment C of the consent order) in the means of a Whole Home Solution be it Granular Activated Carbon Systems or Public Water. **I nonconcur with the Corrective Action Plan. Chemours & Dupont cannot be permitted to contaminate our groundwater wells, soil and vegetation without being required to remediate what they have damaged or a Permanent whole home water solution. Cost to remediate or Public water should be the only feasible solution regardless of costs i.e. the \$75K DEQ imposed limit.**

15A NCAC 02L .0106(k)(3) is very clear and it states:

UNDERSTAND THIS STATEMENT

Page 1 of 4

* We are victims of continuing-carcinogen poisoning, known by Dupont & Chemours. We should NOT pay for water lines NOR have our tax dollars used!

15A NCAC 02L .0106(k)(3) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the availability of public water supplies for the affected area; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph. The person making the request shall demonstrate:

- (1) that all sources of contamination and free product have been removed or controlled pursuant to Paragraph (f) of this Rule;
- (2) that the time and direction of contaminant travel can be predicted with reasonable certainty;
- (3) that contaminants have not and will not migrate onto adjacent properties, or that:
 - (A) such properties are served by an existing public water supply system dependent on surface waters or hydraulically isolated groundwater; or
 - (B) the owners of such properties have consented in writing to the request;

There is still contamination in our trees specifically pine type trees and our soil that Chemours has no intention of remediating. This will continue to have pass through contamination caused by rainfall passing thru the vegetation. As such (1) will not be achieved and neither will (2) above. Contaminants have migrated off of the Fayetteville Works Facility to the adjacent properties as far as 11 miles from the center of the facility covering an area in excess of 125 square miles and growing. All properties could be provided public water supply IAW 15A NCAC 02L .0106 (k) at far less in cost that the cost to remediate an area over 125 square miles. Of whole home water filtration could be provided to all homes with detection of PFAS in exceedance of the NC Ground Water Quality Standards. Chemours can make the choice to fund billion to tens of billions of dollars of cleanup or millions for providing permanent whole home solutions. I do not consent IAW (3)(B) until Chemours provides that resolution voluntarily or forced by the State.

Per 15A NCAC 02L .0106(b) Any person conducting or controlling an activity that results in the discharge of a waste or hazardous substance or oil to the groundwaters of the State, or in proximity thereto, shall take action upon discovery to terminate and control the discharge, mitigate any hazards resulting from exposure to the pollutants and notify the Department, as defined in 15A NCAC 02C .0102, of the discharge. Chemours and Dupont violated 15A NCAC 02L .0106 (d) Any person conducting or controlling an activity that is conducted under the authority of a permit initially issued by the Department on or after December 30, 1983 pursuant to G.S. 143-215.1 or G.S. 130A-294 and that results in an increase in concentration of a substance in excess of the standards. This was known by NC DEQ as far back as December 2016 when Chemours delivered the Corrective Measures Study to DEQ. So for three years Chemours failed to address a Corrective Action Plan, and has only done so to meet a requirement of a Consent Order.

IAW 15A NCAC 02L .0106 (k) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the availability of public water supplies for the affected area; the technical basis for the request; and any other information

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The manner in which the consent order lists § 143-215.2A an State Law that was enacted in June of 2018 prior to the Enactment of the Consent Order in February of 2019. Session Law 2018-5 Sec 13.1 (c) is irrelevant as it had been enacted as a State Law prior upon ratification in June of 2018. So it should not have been referred to as Session Law 2018-5, but as the State Statute and since listed incorrectly in Paragraph 34 of the Consent Order is invalid and the Secretary of DEQ can still force the polluters to pay for permanent whole solution be that Whole Home Granular Activated Carbon or the running of Public water Systems to all homes found with a well in violation of the NC Ground Water Standards. *AT Chemours Payment! NOT the Victims!*

15A NCAC 02L .0106 (a) Where groundwater quality has been degraded, the goal of any required corrective action shall be restoration to the level of the standards, or as closely thereto as is economically and technologically feasible as determined by the Department in accordance with this Rule. If Chemours and/or Dupont cannot remediate all wells they have contaminated in violation of the 15A NCAC 02L .0202 standards. For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules. At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible. The size of the area encompasses thousands of private land parcels and any remedial construction activities using currently available remedial technologies (excavation and groundwater extraction) would be very disruptive to the local community and this disruption would continue for a lengthy period of time. Any remedy which in principle could help make progress towards PQLs over this large area would cost in the billions to tens of billions of dollars.

I as one of the "affected parties" are demanding that NC DEQ protect our rights and force Chemours and/or Dupont the polluters to either remediate the damages to our Groundwater Wells or provide permanent whole home solutions i.e. Whole Home Granular Activated Carbon or Public Water connections with a defined period of the polluter paying for the water bills. The same solution provided for the Coal Ash "Affected Parties".

Areas of Corrective Action Plan that indicate why Chemours and/or Dupont should be forced to provide Whole Home Filtration or Public Water for all those with wells that indicate exceedance of the NC Groundwater Standards 15A NCAC 02L .0202(c). When referring to the costs associated with providing the above remediation it must be taken into account that Chemours is gaining a cost savings of \$5,000,000 per month in cost savings for the elimination of shipping the Waste Water to Texas. It must also be taken into account the processing of the Waste from the Netherlands in determining the feasibility of providing public water or Whole Home Solutions to all "affected parties". Affected Party is any property found with a groundwater well in exceedance of the NC Ground Water Standards established by the NC Environmental

Page xiv

Comply with 2L Rules (CO paragraph 16), including following the policy for the intention of the 2L Rules "to maintain and preserve the quality of the groundwaters, prevent and abate pollution and contamination of the water of the state, protect public health, and permit management of the groundwaters for their best usage by the citizens of North Carolina" (15A NCAC 02L .0103)1; and comply with other requirements of the CO.

Response to Page xiv

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Page xvi

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Response: to Chemours CAP Page xvi

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RECEIVED
Office of the Secretary

MAR 26 2020

Department of Environmental Quality

Mickey Clevidence
Name
4628 Horne St
Address
Fayetteville NC 28312
City / State / Zip
910-286-5434
Email or Phone #

Department of Environmental Quality

Secretary Michael Regan

RE: Written Non-Concurrence to the proposed Groundwater Corrective Action Plan

1601 Mail Service Center

Raleigh, N.C. 27699-1601

publiccomments@ncdenr.gov

Subject: Public Comment to the proposed Groundwater Corrective Action Plan

I am one of the "affected parties: per 15A NCAC 02L .0202(c) and § 143-215.2A. (Relief for contaminated private drinking water wells). **I DO NOT CONCUR** with the Corrective Action Plan (CAP) as written. I am providing my non-concurrence IAW 15A NCAC 02L .0106(k) (3) and provide my written notification to the Secretary of DEQ and Governor of the State of North Carolina. I demand equal treatment under the laws of North Carolina and demand Secretary Regan force Chemours and/or Dupont to provide a Permanent Solutions for all wells found to be contaminated in exceedance of NC Groundwater Standards listed in 15A NCAC 02L .0202. It is the belief that § 143-215.2A, which was enacted in June 2018 and became a State Statute can still be used to force Chemours and/or Dupont to run water at their expense. Paragraph 34 utilized the verbiage Session Law 2018-5 Sec 13.1(c) when it was signed and enacted in February 2019 over 8 months after § 143-215.2A had been enacted as a State Law. Referring to it as Session Law 2018-5 Sec 13.1 (c) thus makes the limitations that DEQ attempted to place on the use of § 143-215.2A invalid. Since the enactment of the Consent Order Chemours has been in violation in all testing of wells as they are not testing for all chemicals agreed upon in Attachment C as both **PFMOPrA (Perfluoro-3- methoxypropanoic acid) & PFMOBA (Perfluoro-4- methoxybutanoic acid)** are not tested for. GEL Labs can test for these two compounds as they are tested for during NC DEQ testing of wells.

As an adjacent property owner IAW the requirements of 15A NCAC 02L .0106(k)(3) **I DO NOT consent** to the **proposed Corrective Action Plan**. It is required by the provisions of 15A NCAC 02L .0106(k)(3) to gain approval of the property owners for the Corrective Action Plan that was submitted for the Chemours i.e. the Fayetteville Works Facility (Geosyntec Project Number TR0795). To date not one property owner that has been requested to provide consent. Unless Chemours and/or Dupont provides equal solutions for all "affected parties" i.e. anybody with a Well that has been found to have any PFAS contamination from the Fayetteville Works Facility (not limited to Attachment C of the consent order) in the means of a Whole Home Solution be it Granular Activated Carbon Systems or Public Water. **I nonconcur with the Corrective Action Plan. Chemours & Dupont cannot be permitted to contaminate our groundwater wells, soil and vegetation without being required to remediate what they have damaged or a Permanent whole home water solution. Cost to remediate or Public water should be the only feasible solution regardless of costs i.e. the \$75K DEQ imposed limit.**

15A NCAC 02L .0106(k)(3) is very clear and it states:

15A NCAC 02L .0106(k)(3) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the availability of public water supplies for the affected area; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph. The person making the request shall demonstrate:

- (1) that all sources of contamination and free product have been removed or controlled pursuant to Paragraph (f) of this Rule;
- (2) that the time and direction of contaminant travel can be predicted with reasonable certainty;
- (3) that contaminants have not and will not migrate onto adjacent properties, or that:
 - (A) such properties are served by an existing public water supply system dependent on surface waters or hydraulically isolated groundwater; or
 - (B) the owners of such properties have consented in writing to the request;

There is still contamination in our trees specifically pine type trees and our soil that Chemours has no intention of remediating. This will continue to have pass through contamination caused by rainfall passing thru the vegetation. As such (1) will not be achieved and neither will (2) above. Contaminants have migrated off of the Fayetteville Works Facility to the adjacent properties as far as 11 miles from the center of the facility covering an area in excess of 125 square miles and growing. All properties could be provided public water supply IAW 15A NCAC 02L .0106 (k) at far less in cost that the cost to remediate an area over 125 square miles. Of whole home water filtration could be provided to all homes with detection of PFAS in exceedance of the NC Ground Water Quality Standards. Chemours can make the choice to fund billion to tens of billions of dollars of cleanup or millions for providing permanent whole home solutions. I do not consent IAW (3)(B) until Chemours provides that resolution voluntarily or forced by the State.

Per 15A NCAC 02L .0106(b) Any person conducting or controlling an activity that results in the discharge of a **waste or hazardous substance or oil to the groundwaters** of the State, or in proximity thereto, shall take action upon discovery to terminate and control the discharge, mitigate any hazards resulting from exposure to the pollutants and notify the Department, as defined in 15A NCAC 02C .0102, of the discharge. Chemours and Dupont violated 15A NCAC 02L .0106 (d) Any person conducting or controlling an activity that is conducted under the authority of a permit initially issued by the Department on or after December 30, 1983 pursuant to G.S. 143-215.1 or G.S. 130A-294 and that results in an increase in concentration of a substance in excess of the standards. This was known by NC DEQ as far back as December 2016 when Chemours delivered the Corrective Measures Study to DEQ. So for three years Chemours failed to address a Corrective Action Plan, and has only done so to meet a requirement of a Consent Order.

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15A NCAC 02L .0106 (a) Where groundwater quality has been degraded, the goal of any required corrective action shall be restoration to the level of the standards, or as closely thereto as is economically and technologically feasible as determined by the Department in accordance with this Rule. If Chemours and/or Dupont cannot remediate all wells they have contaminated in violation of the 15A NCAC 02L .0202 standards. For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules. At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible. The size of the area encompasses thousands of private land parcels and any remedial construction activities using currently available remedial technologies (excavation and groundwater extraction) would be very disruptive to the local community and this disruption would continue for a lengthy period of time. Any remedy which in principle could help make progress towards PQLs over this large area would cost in the billions to tens of billions of dollars.

I as one of the "affected parties" are demanding that NC DEQ protect our rights and force Chemours and/or Dupont the polluters to either remediate the damages to our Groundwater Wells or provide permanent whole home solutions i.e. Whole Home Granular Activated Carbon or Public Water connections with a defined period of the polluter paying for the water bills. The same solution provided for the Coal Ash "Affected Parties".

Areas of Corrective Action Plan that indicate why Chemours and/or Dupont should be forced to provide Whole Home Filtration or Public Water for all those with wells that indicate exceedance of the NC Groundwater Standards 15A NCAC 02L .0202(c). When referring to the costs associated with providing the above remediation it must be taken into account that Chemours is gaining a cost savings of \$5,000,000 per month in cost savings for the elimination of shipping the Waste Water to Texas. It must also be taken into account the processing of the Waste from the Netherlands in determining the feasibility of providing public water or Whole Home Solutions to all "affected parties". Affected Party is any property found with a groundwater well in exceedance of the NC Ground Water Standards established by the NC Environmental

Page xiv

Comply with 2L Rules (CO paragraph 16), including following the policy for the intention of the 2L Rules "to maintain and preserve the quality of the groundwaters, prevent and abate pollution and contamination of the water of the state, protect public health, and permit management of the groundwaters for their best usage by the citizens of North Carolina" (15A NCAC 02L .0103)1; and comply with other requirements of the CO.

Response to Page xiv

Chemours is not in compliance with the Consent Order as they are not testing for all of the Chemicals listed on Attachment C. The two compounds that are not tested for are PFMOPrA (Perfluoro-3- methoxypropanoic acid) & PFMOBA (Perfluoro-4- methoxybutanoic acid). This should be a complaint that all address to Michael Scott and Michael Regan @ NC DEQ. Prior to approval of a Corrective Action Plan NC DEQ should ensure that the Consent Order is actually enforced and that a permanent remediation solution or permanent whole home water solutions are provided.

Page xvi

Because the results of the HH-SLEA and Ecological SLEA indicate that exposures to HFPO-DA in offsite environmental media do not pose a hazard to human health or the environment, site-specific, risk-based cleanup goals were not developed; rather, cleanup goals are based on CO and 2L rules. ****

For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules. **At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible.**

For offsite groundwater receptors, provide public water connections or whole building filtration units or reverse osmosis units to qualifying surrounding residents (CO paragraphs 19 and 20);

Response: to Chemours CAP Page xvi

Most all wells tested have multiple Chemicals in the wells. Some as many as 9- 16 yet in documents like this Corrective Action Plan you will see Chemours discussion relate to only HFPO-DA. In the Ground Water Quality Standard of the State of North Carolina under 15A NCAC 02L .0202(b)(2) Where two or more substances exist in combination, the Director shall consider the effects of chemical interactions as determined by the Division of Public Health and may establish maximum concentrations at values less than those established in accordance with Paragraphs (c), (h), or (i) of this Rule. In the absence of information to the contrary, in accordance with Paragraph (d) of this Rule, the carcinogenic risks associated with carcinogens present shall be considered additive and the toxic effects associated with non-carcinogens present shall also be considered additive.

I as an "affected party": per 15A NCAC 02L .0202(c) and § 143-215.2A (Relief for contaminated private drinking water wells) demand that the Secretary of DEQ and Governor of the State of North Carolina force Chemours and/or Dupont to provide a Permanent Solution for all wells found to be contaminated in exceedance of the NC Groundwater Standards as the remedy for our contaminated wells based on the admission that Chemours has no plan for remediation of our contaminated properties. Secretary Regan needs to follow NC Groundwater Quality Standards as well as enforce the Consent Order. Failure to do so is a failure to perform the duties of office.

From: [Diana Ells](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Clean up our water
Date: Thursday, March 26, 2020 9:06:28 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

We have recently made a decision to move to Wilmington and are currently building a home there. It concerns me greatly that I was not informed about the polluted water in the Cape Fear river caused by companies. I beg that the companies are held accountable and made to clean this up. I have children and grandchildren that will be spending a lot of time with us and I want them to stay healthy.

Diana Ells

Sent from my iPhone

From: [Sarah Bartel](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Wednesday, March 25, 2020 5:09:59 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Sarah Bartel
11519 Essex Fells Dr
Charlotte, NC 28277

From: [Ricardo Velazquez](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Monday, March 23, 2020 8:51:07 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Ricardo Velazquez
5008 Barbee Rd
Durham, NC 27713

From: [Wendy Gilbert](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Stop chemours
Date: Saturday, March 21, 2020 10:16:15 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

- **Let DEQ know that Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which its proposed plan fails to do.**
- **DEQ must ensure that Chemours—not families nearby and downstream communities already burdened by exposure and health risks—pays the costs to clean up its pollution.**
- **Let DEQ know that, with 45,000 acres of polluted, leaking groundwater, Chemours' plan will not clean up the problem and will leave our communities, drinking water, and the Cape Fear River at risk.**

~Wendy
(919) 888-3553

From: [Hannah McDermott](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External]
Date: Friday, March 20, 2020 3:48:50 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which its proposed plan fails to do.

DEQ must ensure that Chemours—not families nearby and downstream communities already burdened by exposure and health risks—pays the costs to clean up its pollution.

With 45,000 acres of polluted, leaking groundwater, Chemours' plan will not clean up the problem and will leave our communities, drinking water, and the Cape Fear River at risk

This is unacceptable and awful. Please don't allow them to do this.

Thank you,

Hannah McDermott

From: williamtravitz16@gmail.com
To: [SVC_DENR_publiccomments](#)
Subject: [External] Care about the people who can't use their water.. Shame on you.
Date: Thursday, March 19, 2020 2:08:09 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

It is past time to clean up your pollution and stop concentrating on profit. You are responsible for this illegal pollution and it is past time stop illegal dumping & clean up your mess. Legally you are obliged to do so. Do we have to take legal action?

Residents dealing with pollution.....Bill & Dorothy Travitz.

Sent from [Mail \[go.microsoft.com\]](mailto:Mail [go.microsoft.com]) for Windows 10

From: [Linda Cavanaugh](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Clean up N.C. rivers.
Date: Thursday, March 19, 2020 12:26:39 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Chemours must take responsibility for and clean up our drinking water which comes from the Cape Fear river. I don't want to die from cancer because of your lax ability to keep dangerous chemicals out of our source of life—clean water!! Get busy.

Sent from my iPhone

From: [Myrlie Barrier](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 19, 2020 8:27:06 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Myrlie Barrier
173 Harris St
Rutherfordton, NC 28139-3001

From: [Morris-McLawnhorn, Bridgette R](#)
To: [SVC_DENR.publiccomments](#)
Subject: comments received
Date: Wednesday, March 18, 2020 1:00:01 PM
Attachments: [2020 03 18 public comment on proposed GW corrective action plan.pdf](#)

Good morning,

Please find attached comments received on the proposed GW corrective action plan.

Thanks,

Bridgette Morris-McLawnhorn
Executive Assistant to Secretary Michael Regan &
Chief Deputy Secretary John Nicholson
North Carolina Department of Environmental Quality

(919) 707-8643 office
(984) 328-2303 mobile
bmorris@ncdenr.gov

217 West Jones Street
1601 Mail Service Center
Raleigh, NC 27699

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

RECEIVED
Office of the Secretary

MAR 18 2020

Department of Environmental Quality

Darrell & Catherine Collins
Name

967 Pan Dr.
Address

Hope Mills, NC 28348
City /State / Zip

Cathy.sinc@nc.rr.com
Email or Phone #

Department of Environmental Quality

Secretary Michael Regan

RE: Written Non-Concurrence to the proposed Groundwater Corrective Action Plan

1601 Mail Service Center

Raleigh, N.C. 27699-1601

publiccomments@ncdenr.gov

Subject: Public Comment to the proposed Groundwater Corrective Action Plan

I am one of the "affected parties: per 15A NCAC 02L .0202(c) and § 143-215.2A. (Relief for contaminated private drinking water wells). **I DO NOT CONCUR** with the Corrective Action Plan (CAP) as written. I am providing my non-concurrence IAW 15A NCAC 02L .0106(k) (3) and provide my written notification to the Secretary of DEQ and Governor of the State of North Carolina. I demand equal treatment under the laws of North Carolina and demand Secretary Regan force Chemours and/or Dupont to provide a Permanent Solutions for all wells found to be contaminated in exceedance of NC Groundwater Standards listed in 15A NCAC 02L .0202. It is the belief that § 143-215.2A, which was enacted in June 2018 and became a State Statute can still be used to force Chemours and/or Dupont to run water at their expense. Paragraph 34 utilized the verbiage Session Law 2018-5 Sec 13.1(c) when it was signed and enacted in February 2019 over 8 months after § 143-215.2A had been enacted as a State Law. Referring to it as Session Law 2018-5 Sec 13.1 (c) thus makes the limitations that DEQ attempted to place on the use of § 143-215.2A invalid. Since the enactment of the Consent Order Chemours has been in violation in all testing of wells as they are not testing for all chemicals agreed upon in Attachment C as both **PFMOPrA (Perfluoro-3- methoxypropanoic acid) & PFMOBA (Perfluoro-4- methoxybutanoic acid)** are not tested for. GEL Labs can test for these two compounds as they are tested for during NC DEQ testing of wells.

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Page xiv

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Response to Page xiv

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Response: to Chemours CAP Page xvi

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From: [Martin, Sharon L.](#)
To: [SVC_DENR.publiccomments](#)
Subject: Comment received on Corrective Action Plan
Date: Tuesday, March 17, 2020 11:53:46 AM
Attachments: [02282020-public comment on CAP recieved.pdf](#)

Thanks,
Sharon



Sharon Martin
Deputy Secretary for Public Affairs
North Carolina Department of Environmental Quality
919.707.8670 (Office)
919.675.4912 (Cell)
Sharon.Martin@ncdenr.gov

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

February 21, 2020

Kenneth & Patricia Cannon
6972 Point East Drive
Fayetteville, NC 28306
(910) 483-2643
kcann9@aol.com

SUBJECT: Public Comment to the proposed Groundwater Corrective Action Plan

1. I do not concur with the proposed Corrective Action Plan (CAP). I feel that the Secretary of DEQ has compromised his integrity to satisfy Chemours and Dupont executives. The solution proposed is nothing more than a bandaid fix and a total disregard for the laws established and approved by the state of NC.
2. Installation of Reverse Osmosis (RO) machines underneath sinks does not correct the water used for bathing. My water has not been retested since installation of RO machines. Am I to assume the systems are limiting my exposures? Am I to assume the Secretary of DEQ knows the various ways chemicals can be introduced into your body? Am I to believe that you cannot absorb chemicals through a cut, through open areas of your body, or even through your eye sockets? Has anyone conducted medical research on vegetables grown in a garden or even particles in the air? Does the Secretary know how many times the alarm goes off at the Chemours plant in a weeks time? The answer is NO.
3. I did not write the laws for Groundwater contamination but my well was contaminated and a well within 200 feet of mine was also contaminated. No one from DEQ ever discussed surrounding property contamination although it is written in laws of NC.
4. **BOTTOM LINE: I DO NOT CONCUR WITH THE CORRECTIVE ACTION PLAN PROPOSED. CHEMOURS/DUPONT NEEDS TO PROVIDE A PERMANENT SOLUTION NOT A BANDAID SOLUTION.**

vr, 
Kenneth & Patricia Cannon

FEB 28 2020

Regional Operations

Kenneth Cannon
6972 Point East Dr.
Fayetteville, NC 28306

CHARLOTTE NC 282

FEB 2020 PM 4 1

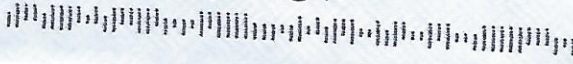


FOREVER / USA

Department of Environmental Quality
1601 Mail Service Center
Raleigh, NC 27699-1601

ATTN: Groundwater CAP

27699-1601 99



From: [Polly Harris](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Tuesday, March 17, 2020 10:48:07 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

In the time of crisis safe water is essential. I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Polly Harris
118 W Trinity Ave
Durham, NC 27701-1915

From: [Morris-McLawnhorn, Bridgette R](#)
To: [SVC_DENR.publiccomments](#)
Subject: Comments received
Date: Tuesday, March 17, 2020 9:57:27 AM
Attachments: [2020 03 17 public comment on proposed GW corrective action plan 2.pdf](#)
[2020 03 17 public comment on proposed GW corrective action plan.pdf](#)

Good morning,

Please find 2 proposed GW corrective action plan comments received via mail.

Thanks,

Bridgette Morris-Mclawnhorn
Executive Assistant to Secretary Michael Regan &
Chief Deputy Secretary John Nicholson
North Carolina Department of Environmental Quality

(919) 707-8643 office
(984) 328-2303 mobile
bmorris@ncdenr.gov

217 West Jones Street
1601 Mail Service Center
Raleigh, NC 27699

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RECEIVED
Office of the Secretary

MAR 17 2020

Department of Environmental Quality

Shirley E Tan
Name
1908 Nantucket Ct
Address
Fayetteville, NC 28306
City / State / Zip
shirleyetan@yahoo.com
Email or Phone #

Department of Environmental Quality

Secretary Michael Regan

RE: Written Non-Concurrence to the proposed Groundwater Corrective Action Plan

1601 Mail Service Center

Raleigh, N.C. 27699-1601

publiccomments@ncdenr.gov

Subject: Public Comment to the proposed Groundwater Corrective Action Plan

I am one of the "affected parties: per 15A NCAC 02L .0202(c) and § 143-215.2A. (Relief for contaminated private drinking water wells). **I DO NOT CONCUR** with the Corrective Action Plan (CAP) as written. I am providing my non-concurrence IAW 15A NCAC 02L .0106(k) (3) and provide my written notification to the Secretary of DEQ and Governor of the State of North Carolina. I demand equal treatment under the laws of North Carolina and demand Secretary Regan force Chemours and/or Dupont to provide a Permanent Solutions for all wells found to be contaminated in exceedance of NC Groundwater Standards listed in 15A NCAC 02L .0202. It is the belief that § 143-215.2A, which was enacted in June 2018 and became a State Statute can still be used to force Chemours and/or Dupont to run water at their expense. Paragraph 34 utilized the verbiage Session Law 2018-5 Sec 13.1(c) when it was signed and enacted in February 2019 over 8 months after § 143-215.2A had been enacted as a State Law. Referring to it as Session Law 2018-5 Sec 13.1 (c) thus makes the limitations that DEQ attempted to place on the use of § 143-215.2A invalid. Since the enactment of the Consent Order Chemours has been in violation in all testing of wells as they are not testing for all chemicals agreed upon in Attachment C as both **PFMOPra (Perfluoro-3- methoxypropanoic acid) & PFMObA (Perfluoro-4- methoxybutanoic acid)** are not tested for. GEL Labs can test for these two compounds as they are tested for during NC DEQ testing of wells.

As an adjacent property owner IAW the requirements of 15A NCAC 02L .0106(k)(3) **I DO NOT consent** to the **proposed Corrective Action Plan**. It is required by the provisions of 15A NCAC 02L .0106(k)(3) to gain approval of the property owners for the Corrective Action Plan that was submitted for the Chemours i.e. the Fayetteville Works Facility (Geosyntec Project Number TR0795). To date not one property owner that has been requested to provide consent. Unless Chemours and/or Dupont provides equal solutions for all "affected parties" i.e. anybody with a Well that has been found to have any PFAS contamination from the Fayetteville Works Facility (not limited to Attachment C of the consent order) in the means of a Whole Home Solution be it Granular Activated Carbon Systems or Public Water. **I nonconcur with the Corrective Action Plan. Chemours & Dupont cannot be permitted to contaminate our groundwater wells, soil and vegetation without being required to remediate what they have damaged or a Permanent whole home water solution. Cost to remediate or Public water should be the only feasible solution regardless of costs i.e. the \$75K DEQ imposed limit.**

15A NCAC 02L .0106(k)(3) is very clear and it states:

15A NCAC 02L .0106(k)(3) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the availability of public water supplies for the affected area; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph. The person making the request shall demonstrate:

- (1) that all sources of contamination and free product have been removed or controlled pursuant to Paragraph (f) of this Rule;
- (2) that the time and direction of contaminant travel can be predicted with reasonable certainty;
- (3) that contaminants have not and will not migrate onto adjacent properties, or that:
 - (A) such properties are served by an existing public water supply system dependent on surface waters or hydraulically isolated groundwater; or
 - (B) the owners of such properties have consented in writing to the request;

There is still contamination in our trees specifically pine type trees and our soil that Chemours has no intention of remediating. This will continue to have pass through contamination caused by rainfall passing thru the vegetation. As such (1) will not be achieved and neither will (2) above. Contaminants have migrated off of the Fayetteville Works Facility to the adjacent properties as far as 11 miles from the center of the facility covering an area in excess of 125 square miles and growing. All properties could be provided public water supply IAW 15A NCAC 02L .0106 (k) at far less in cost that the cost to remediate an area over 125 square miles. Of whole home water filtration could be provided to all homes with detection of PFAS in exceedance of the NC Ground Water Quality Standards. Chemours can make the choice to fund billion to tens of billions of dollars of cleanup or millions for providing permanent whole home solutions. I do not consent IAW (3)(B) until Chemours provides that resolution voluntarily or forced by the State.

Per 15A NCAC 02L .0106(b) Any person conducting or controlling an activity that results in the discharge of a **waste or hazardous substance or oil to the groundwaters of the State**, or in proximity thereto, shall take action upon discovery to terminate and control the discharge, mitigate any hazards resulting from exposure to the pollutants and notify the Department, as defined in 15A NCAC 02C .0102, of the discharge. Chemours and Dupont violated 15A NCAC 02L .0106 (d) Any person conducting or controlling an activity that is conducted under the authority of a permit initially issued by the Department on or after December 30, 1983 pursuant to G.S. 143-215.1 or G.S. 130A-294 and that results in an increase in concentration of a substance in excess of the standards. This was known by NC DEQ as far back as December 2016 when Chemours delivered the Corrective Measures Study to DEQ. So for three years Chemours failed to address a Corrective Action Plan, and has only done so to meet a requirement of a Consent Order.

IAW 15A NCAC 02L .0106 (k) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the **availability of public water supplies for the affected area**; the technical basis for the request; and any other information

requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph.

The manner in which the consent order lists § 143-215.2A an State Law that was enacted in June of 2018 prior to the Enactment of the Consent Order in February of 2019. Session Law 2018-5 Sec 13.1 (c) is irrelevant as it had been enacted as a State Law prior upon ratification in June of 2018. So it should not have been referred to as Session Law 2018-5, but as the State Statute and since listed incorrectly in Paragraph 34 of the Consent Order is invalid and the Secretary of DEQ can still force the polluters to pay for permanent whole solution be that Whole Home Granular Activated Carbon or the running of Public water Systems to all homes found with a well in violation of the NC Ground Water Standards.

15A NCAC 02L .0106 (a) Where groundwater quality has been degraded, the goal of any required corrective action shall be restoration to the level of the standards, or as closely thereto as is economically and technologically feasible as determined by the Department in accordance with this Rule. If Chemours and/or Dupont cannot remediate all wells they have contaminated in violation of the 15A NCAC 02L .0202 standards. For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules. At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible. The size of the area encompasses thousands of private land parcels and any remedial construction activities using currently available remedial technologies (excavation and groundwater extraction) would be very disruptive to the local community and this disruption would continue for a lengthy period of time. Any remedy which in principle could help make progress towards PQLs over this large area would cost in the billions to tens of billions of dollars.

I as one of the "affected parties" are demanding that NC DEQ protect our rights and force Chemours and/or Dupont the polluters to either remediate the damages to our Groundwater Wells or provide permanent whole home solutions i.e. Whole Home Granular Activated Carbon or Public Water connections with a defined period of the polluter paying for the water bills. The same solution provided for the Coal Ash "Affected Parties".

Areas of Corrective Action Plan that indicate why Chemours and/or Dupont should be forced to provide Whole Home Filtration or Public Water for all those with wells that indicate exceedance of the NC Groundwater Standards 15A NCAC 02L .0202(c). When referring to the costs associated with providing the above remediation it must be taken into account that Chemours is gaining a cost savings of \$5,000,000 per month in cost savings for the elimination of shipping the Waste Water to Texas. It must also be taken into account the processing of the Waste from the Netherlands in determining the feasibility of providing public water or Whole Home Solutions to all "affected parties". Affected Party is any property found with a groundwater well in exceedance of the NC Ground Water Standards established by the NC Environmental

Page xiv

Comply with 2L Rules (CO paragraph 16), including following the policy for the intention of the 2L Rules "to maintain and preserve the quality of the groundwaters, prevent and abate pollution and contamination of the water of the state, protect public health, and permit management of the groundwaters for their best usage by the citizens of North Carolina" (15A NCAC 02L .0103)1; and comply with other requirements of the CO.

Response to Page xiv

Chemours is not in compliance with the Consent Order as they are not testing for all of the Chemicals listed on Attachment C. The two compounds that are not tested for are PFMOPrA (Perfluoro-3- methoxypropanoic acid) & PFMOBA (Perfluoro-4- methoxybutanoic acid). This should be a complaint that all address to Michael Scott and Michael Regan @ NC DEQ. Prior to approval of a Corrective Action Plan NC DEQ should ensure that the Consent Order is actually enforced and that a permanent remediation solution or permanent whole home water solutions are provided.

Page xvi

Because the results of the HH-SLEA and Ecological SLEA indicate that exposures to HFPO-DA in offsite environmental media do not pose a hazard to human health or the environment, site-specific, risk-based cleanup goals were not developed; rather, cleanup goals are based on CO and 2L rules. ****

For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules. At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible.

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Response: to Chemours CAP Page xvi

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I as an "affected party": per 15A NCAC 02L .0202(c) and § 143-215.2A (Relief for contaminated private drinking water wells) demand that the Secretary of DEQ and Governor of the State of North Carolina force Chemours and/or Dupont to provide a Permanent Solution for all wells found to be contaminated in exceedance of the NC Groundwater Standards as the remedy for our contaminated wells based on the admission that Chemours has no plan for remediation of our contaminated properties. Secretary Regan needs to follow NC Groundwater Quality Standards as well as enforce the Consent Order. Failure to do so is a failure to perform the duties of office.

his

RECEIVED
Office of the Secretary

MAR 17 2020

Department of Environmental Quality

Jopelito Tan
Name
1908 Nantucket Ct.
Address
Fayetteville NC, 28306
City / State / Zip
(910) 987-5267
Email or Phone #

Department of Environmental Quality

Secretary Michael Regan

RE: Written Non-Concurrence to the proposed Groundwater Corrective Action Plan

1601 Mail Service Center

Raleigh, N.C. 27699-1601

publiccomments@ncdenr.gov

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Response: to Chemours CAP Page xvi

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his

From: [Savor for the Soul](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Cape Fear Cleanup
Date: Monday, March 16, 2020 9:33:47 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

- **With 45,000 acres of polluted, leaking groundwater, Chemours' plan will not clean up the problem and will leave our communities, drinking water, and the Cape Fear River at risk.**
- **Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which its proposed plan fails to do.**

From: [Amy Popp](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Sunday, March 15, 2020 3:40:02 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Amy Popp
6905 Pinnacle Ridge Rd
Raleigh, NC 27603-9126

From: [Joe Fleming](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Sunday, March 15, 2020 3:06:58 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Joe Fleming
1939 Gray Meadow Dr
Apex, NC 27502-9513

From: [Rose Shulman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Saturday, March 14, 2020 5:18:06 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Rose Shulman
346 piney grove church rd
traphill, NC 28685

From: [Esther Murphy](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Government is to protect us.
Date: Saturday, March 14, 2020 1:17:36 PM

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I am native North Carolinian. My family has suffered tremendous health assaults from industrial poisoning.

By age 58 I am sole survivor of my nuclear family. Three generations all died of cancer. We have suffered tremendous loss in our pets and wildlife due to environmental poisoning. Our trees and native plants are not reproducing.

I have suffered the pain of chronic kidney and bladder conditions since childhood. I was reluctant to purchase purified bottled water, all while paying mandatory water utility bills for toxic water.

When I observed entire neighborhoods and towns getting sick at the same time, I made tests on water. I stored tap water when all was well, then served it to my family when people became ill. We remained healthy during times of "toxic" flush in water lines.

I have purchased purified bottled water, from known sources, usually outside of North Carolina, for 34 years. Until 2018 I used tap water for cooking, bathing and making coffee, then my new Medical Doctor told me to stop consuming all local tap water. I have many friends who don't even brush their teeth in this tap water. Many are wealthy enough to purchase reverse osmosis water purifiers.

I think it is the most horrible dereliction in our history, that governmental puppets would choose private, corporate greed over life and health.

Dupont / Chemours lied to North Carolina. They must be held accountable.

Esther Murphy
Wilmington, NC

From: [Diane Arbour](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Saturday, March 14, 2020 10:45:13 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Chemours has made their profits at the expense of local citizens. It is time they pay back, although they can never repair some of the damage done.

Diane Arbour
3409 6th Street Dr NW
Hickory, NC 28601-9092

From: [Kenneth McKenzie](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Saturday, March 14, 2020 10:39:26 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities and an extremely important wetland system for our state. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Kenneth McKenzie
1705 Athens Dr
Raleigh, NC 27606-2553

From: [Nancy Fonvielle](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Friday, March 13, 2020 9:57:15 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Nancy Fonvielle
6101 Sweetgum Hollow
Wilmington, NC 28409

From: [Audrey Napier](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Genx
Date: Thursday, March 12, 2020 7:09:33 PM

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There needs to be a extension of 60 days.

Also there should be 3 more meetings in all cities affected!! There are many more coming up positive also the fact Chemours is about 3 months behind checking water!

Audrey Napier

From: [Walt Dietrich](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 12, 2020 11:48:06 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River. The law and Chemours effort to cleanup must be sooner than later.

Also, any costs should not be passed to the taxpayer but to those who use their products and the consumers of their products.

Walt Dietrich
429 Summerlea Dr
Fayetteville, NC 28311-1171

From: [James Hoots](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 12, 2020 9:27:05 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

James Hoots
3455 Mountain View Rd
Germanton, NC 27019-8245

From: [David Gardener](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Wednesday, March 11, 2020 8:12:05 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

David Gardener
110 Hidden Rock Ct
Cary, NC 27513

From: [Ileana Clavijo](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Contamination of water
Date: Wednesday, March 11, 2020 5:34:12 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Chemours contaminated our waters and they are responsible for all cleaning. I am tired of seeing industries getting away with pollution. I live in Wilmington and I no longer drink the tap water.

Sent from my iPhone

From: [Alanna Alanna Humphrey](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Wednesday, March 11, 2020 11:36:12 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Alanna Alanna Humphrey
302 Coston Rd
Richlands, NC 28574-7142

From: [Ray Owens](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Wednesday, March 11, 2020 5:42:05 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Ray Owens
531 Manning Dr
Charlotte, NC 28209-3439

From: [mauricio.carvajal](mailto:mauricio.carvajal@nc.gov)
To: [SVC_DENR.publiccomments](mailto:SVC_DENR.publiccomments@nc.gov)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Tuesday, March 10, 2020 10:42:26 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

mauricio carvajal
El Viento Norte
Santiago, NC 92915

From: [Susan Gail Auten](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Tuesday, March 10, 2020 6:19:08 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Susan Gail Auten
3105 Sansbury Lane
Leland, NC 28451

From: [Rachel Johnson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Tuesday, March 10, 2020 4:18:35 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

We citizens are watching.

Rachel Johnson
202 Parkmont Dr
Greensboro, NC 27408

From: [Bonney Brown](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Tuesday, March 10, 2020 3:15:35 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I was going to purchase a home in the Cape Fear river basin until I heard about this horrific situation. Please, please make them fix it completely. I 'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Bonney Brown
210 W Barnes St
Nags Head, NC 27959-9647

From: [Catherine Starkweather](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Please require a full Chemours' clean-up
Date: Tuesday, March 10, 2020 3:12:13 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Catherine Starkweather
110 Jennings Ln
Durham, NC 27713-2313

From: [Gillian Scott](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Tuesday, March 10, 2020 1:22:58 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Gillian Scott
2224 Walnut Ridge Ct
Raleigh, NC 27610-6544

From: [Patrick McLean](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Tuesday, March 10, 2020 12:33:38 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

Insufficient oversight of Chemours has resulted in unsafe living conditions for those near and downstream of their facility in the Fayetteville area.

The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure.

Patrick McLean
PO Box 358
Montreat, NC 28757-0358

From: [John Kalina](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Monday, March 9, 2020 6:33:05 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

John Kalina
3624 Morris Farm Drive, Unit 2D
Greensboro, NC 27409

From: [Mara Ruiz](#)
To: [SVC_DENR.publiccomments](#); [SVC_DENR.publiccomments](#); [SVC_DENR.publiccomments](#);
[SVC_DENR.publiccomments](#); [SVC_DENR.publiccomments](#)
Subject: [External] Chemours should pay for clean up, and should properly compensate the affected families
Date: Monday, March 9, 2020 6:21:45 PM

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Dear Sirs,

When I started to write this letter, I was doing it in solidarity with all the people affected by the Chemours contamination spill, now we count ourselves among their victims.

It is time that big corporations be made accountable for their safety failures. Especially if those failures result into people seeing the value of their properties fall; family members getting sick; the loss of their livelihoods; or even the loss of lives.

Making money should not be the only role of corporations, but being a conscientious neighbor and a job provider.

Olga Jones

From: [Darlene Parlett](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Monday, March 9, 2020 3:33:06 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Darlene Parlett
1107 Millheim Court
Wilmington, NC 28411

From: [Gail Sikes](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Monday, March 9, 2020 3:06:05 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Gail Sikes
313 E Church St
Rose Hill, NC 28458-1427

From: [Jo Flynn](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Monday, March 9, 2020 2:48:06 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River.

DuPont has a history of not being held accountable for their toxic messes. We know the dangers from these chemicals and the company's denials are unacceptable.

The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Jo Flynn
210 NE 66th St
Oak Island, NC 28465-4631

From: [Lydia Hardwick](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Monday, March 9, 2020 2:21:05 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

The fact that Chemours continues to dump pollution into the water system shows they have no concern for public health. We can no longer feel safe to drink the water or use the water for cooking in our own homes and have to purchase bottled water.

Lydia Hardwick
4329 Ludi Mae Court
Charlotte, NC 28227

From: [Marc Lewis](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Monday, March 9, 2020 12:30:51 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Marc Lewis
9615 Hollyburgh Ter
Charlotte, NC 28215-7609

From: [Donald Baker](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Monday, March 9, 2020 12:21:04 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution. These types of chemicals are banned in Europe in 2030.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Donald Baker
6095 Shore Park Dr
Leland, NC 28451

From: [Terrell Shortsleeve](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Monday, March 9, 2020 12:18:52 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

Chemours' proposed plan leaves highly contaminated groundwater in place and will not stop pollution from draining continuously into the Cape Fear River. The proposed plan is irresponsible and puts their profits ahead of the safety of our drinking water.

Require Chemours to clean up their mess! In 2020 no one should have to worry about drinking clean water. Yet, here in North Carolina, it is a CONSTANT problem.

Terrell Shortsleeve
6367 Havencrest Drive
Ocean Isle Beach, NC 28469

From: [JTNL Jacobs](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Ground Water Plan
Date: Monday, March 9, 2020 11:43:27 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

We live on the Cape Fear River in Castle Hayne, NC. The following issues are of grave concern to me and my family:

- 1.) Chemours has polluted **45,000 acres** of groundwater with toxic chemicals and poisoned the public and water supplies for decades, yet now it proposes to avoid paying what's needed to protect people and our communities.
- 2.) Chemours' plan would leave highly contaminated groundwater at the site and do little to stop pollution from leaking into people's wells and into rivers and streams.
- 3.) The DEQ is expected to ensure that Chemours—not families nearby and downstream communities—pays the costs to clean up its pollution.
- 4.) Please ensure that Chemours will, going forward, put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line. This proposed plan does not appear to do enough to ensure the future.

Cordially,

Tom and Nancy Jacobs
3634 Rosewood Landing Drive
Castle Hayne, NC 28429

Sent from my iPad

From: [Martin, Sharon L.](#)
To: [SVC_DENR.publiccomments](#)
Subject: FW: public comment
Date: Monday, March 9, 2020 11:37:46 AM
Attachments: [2020 03 01 public comment on proposed GW corrective action plan.pdf](#)

From: Morris-McLawnhorn, Bridgette R
Sent: Monday, March 2, 2020 1:14 PM
To: Holman, Sheila <sheila.holman@ncdenr.gov>; Lane, Bill F <Bill.Lane@ncdenr.gov>; Martin, Sharon L. <sharon.martin@ncdenr.gov>; Lance, Kathleen C <kathleen.lance@ncdenr.gov>
Subject: public comment

Hello,

Please find attached a public comment we received in the mail today on the proposed groundwater corrective action plan. Please note that only page 1 of 4 was in the envelope.

Thanks,

Bridgette Morris-McLawnhorn
Executive Assistant to Secretary Michael Regan &
Chief Deputy Secretary John Nicholson
North Carolina Department of Environmental Quality

(919) 707-8643 office
(984) 328-2303 mobile
bmorris@ncdenr.gov

217 West Jones Street
1601 Mail Service Center
Raleigh, NC 27699

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

MAR - 2 2020

Department of Environmental Quality

James William Harris
Name
2710 Culbreth Rd
Address
Fayetteville N.C. 28317
City / State / Zip
Vetnon Valheim 1969 to 1970
Email or Phone #

Department of Environmental Quality

Secretary Michael Regan

RE: Written Non-Concurrence to the proposed Groundwater Corrective Action Plan

1601 Mail Service Center

Raleigh, N.C. 27699-1601

publiccomments@ncdenr.gov

Subject: Public Comment to the proposed Groundwater Corrective Action Plan

I am one of the "affected parties: per 15A NCAC 02L .0202(c) and § 143-215.2A. (Relief for contaminated private drinking water wells). **I DO NOT CONCUR** with the Corrective Action Plan (CAP) as written. I am providing my non-concurrence IAW 15A NCAC 02L .0106(k) (3) and provide my written notification to the Secretary of DEQ and Governor of the State of North Carolina. I demand equal treatment under the laws of North Carolina and demand Secretary Regan force Chemours and/or Dupont to provide a Permanent Solutions for all wells found to be contaminated in exceedance of NC Groundwater Standards listed in 15A NCAC 02L .0202. It is the belief that § 143-215.2A, which was enacted in June 2018 and became a State Statute can still be used to force Chemours and/or Dupont to run water at their expense. Paragraph 34 utilized the verbiage Session Law 2018-5 Sec 13.1(c) when it was signed and enacted in February 2019 over 8 months after § 143-215.2A had been enacted as a State Law. Referring to it as Session Law 2018-5 Sec 13.1 (c) thus makes the limitations that DEQ attempted to place on the use of § 143-215.2A invalid. Since the enactment of the Consent Order Chemours has been in violation in all testing of wells as they are not testing for all chemicals agreed upon in Attachment C as both **PFMOPra (Perfluoro-3- methoxypropanoic acid) & PFMOBA (Perfluoro-4- methoxybutanoic acid)** are not tested for. GEL Labs can test for these two compounds as they are tested for during NC DEQ testing of wells.

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James W. Horn
20710 Culbreth Rd
Fayetteville NC
28312



RECEIVED
Office of the Secretary
February 2, 2000
Department of Environmental Quality

27699-160199

CHARLOTTE NC 282
29 FEB 2000 PM 4:11

Michael Ryan
1601 Mail Service Center
Raleigh NC 27699-1601



FOREVER / USA

From: [Martin, Sharon L.](#)
To: [SVC_DENR.publiccomments](#)
Subject: FW: public comments received
Date: Monday, March 9, 2020 11:37:35 AM
Attachments: [2020 03 04 public comment on proposed GW corrective action plan \(2\).pdf](#)
[2020 03 04 public comment on proposed GW corrective action plan.pdf](#)

From: Morris-McLawnhorn, Bridgette R
Sent: Wednesday, March 4, 2020 5:39 PM
To: Holman, Sheila <sheila.holman@ncdenr.gov>; Lane, Bill F <Bill.Lane@ncdenr.gov>; Martin, Sharon L. <sharon.martin@ncdenr.gov>; Lance, Kathleen C <kathleen.lance@ncdenr.gov>
Subject: public comments received

Hi,

Please find attached two more public comments on the proposed GW Corrective Action Plan. Please let me know if there are others I should be sending these to.

Thanks,

Bridgette Morris-McLawnhorn
Executive Assistant to Secretary Michael Regan &
Chief Deputy Secretary John Nicholson
North Carolina Department of Environmental Quality

(919) 707-8643 office
(984) 328-2303 mobile
bmorris@ncdenr.gov

217 West Jones Street
1601 Mail Service Center
Raleigh, NC 27699

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

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Office of the Secretary

MAR - 4 2020

Department of Environmental Quality

Arthur Seaman
Name
984 Demeter Ln
Address
Hope Mills, NC 28348
City/State/Zip
910-323-2096
Email or Phone #

Department of Environmental Quality

Secretary Michael Regan

RE: Written Non-Concurrence to the proposed Groundwater Corrective Action Plan

1601 Mail Service Center

Raleigh, N.C. 27699-1601

publiccomments@ncdenr.gov

Subject: Public Comment to the proposed Groundwater Corrective Action Plan

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(1) that all sources of contamination and free product have been removed or controlled pursuant to Paragraph (f) of this Rule;

(2) that the time and direction of contaminant travel can be predicted with reasonable certainty;

(3) that contaminants have not and will not migrate onto adjacent properties, or that:

(A) such properties are served by an existing public water supply system dependent on surface waters or hydraulically isolated groundwater; or

(B) the owners of such properties have consented in writing to the request;

There is still contamination in our trees specifically pine type trees and our soil that Chemours has no intention of remediating. This will continue to have pass through contamination caused by rainfall passing thru the vegetation. As such (1) will not be achieved and neither will (2) above. Contaminants have migrated off of the Fayetteville Works Facility to the adjacent properties as far as 11 miles from the center of the facility covering an area in excess of 125 square miles and growing. All properties could be provided public water supply IAW 15A NCAC 02L .0106 (k) at far less in cost that the cost to remediate an area over 125 square miles. Of whole home water filtration could be provided to all homes with detection of PFAS in exceedance of the NC Ground Water Quality Standards. Chemours can make the choice to fund billion to tens of billions of dollars of cleanup or millions for providing permanent whole home solutions. I do not consent IAW (3)(B) until Chemours provides that resolution voluntarily or forced by the State.

Per 15A NCAC 02L .0106(b) Any person conducting or controlling an activity that results in the discharge of a waste or hazardous substance or oil to the groundwaters of the State, or in proximity thereto, shall take action upon discovery to terminate and control the discharge, mitigate any hazards resulting from exposure to the pollutants and notify the Department, as defined in 15A NCAC 02C .0102, of the discharge. Chemours and Dupont violated 15A NCAC 02L .0106 (d) Any person conducting or controlling an activity that is conducted under the authority of a permit initially issued by the Department on or after December 30, 1983 pursuant to G.S. 143-215.1 or G.S. 130A-294 and that results in an increase in concentration of a substance in excess of the standards. This was known by NC DEQ as far back as December 2016 when Chemours delivered the Corrective Measures Study to DEQ. So for three years Chemours failed to address a Corrective Action Plan, and has only done so to meet a requirement of a Consent Order.

IAW 15A NCAC 02L .0106 (k) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the availability of public water supplies for the affected area; the technical basis for the request; and any other information

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The manner in which the consent order lists § 143-215.2A an State Law that was enacted in June of 2018 prior to the Enactment of the Consent Order in February of 2019. Session Law 2018-5 Sec 13.1 (c) is irrelevant as it had been enacted as a State Law prior upon ratification in June of 2018. So it should not have been referred to as Session Law 2018-5, but as the State Statute and since listed incorrectly in Paragraph 34 of the Consent Order is invalid and the Secretary of DEQ can still force the polluters to pay for permanent whole solution be that Whole Home Granular Activated Carbon or the running of Public water Systems to all homes found with a well in violation of the NC Ground Water Standards.

15A NCAC 02L .0106 (a) Where groundwater quality has been degraded, the goal of any required corrective action shall be restoration to the level of the standards, or as closely thereto as is economically and technologically feasible as determined by the Department in accordance with this Rule. If Chemours and/or Dupont cannot remediate all wells they have contaminated in violation of the 15A NCAC 02L .0202 standards. For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules. At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible. The size of the area encompasses thousands of private land parcels and any remedial construction activities using currently available remedial technologies (excavation and groundwater extraction) would be very disruptive to the local community and this disruption would continue for a lengthy period of time. Any remedy which in principle could help make progress towards PQLs over this large area would cost in the billions to tens of billions of dollars.

I as one of the "affected parties" are demanding that NC DEQ protect our rights and force Chemours and/or Dupont the polluters to either remediate the damages to our Groundwater Wells or provide permanent whole home solutions i.e. Whole Home Granular Activated Carbon or Public Water connections with a defined period of the polluter paying for the water bills. The same solution provided for the Coal Ash "Affected Parties".

Areas of Corrective Action Plan that indicate why Chemours and/or Dupont should be forced to provide Whole Home Filtration or Public Water for all those with wells that indicate exceedance of the NC Groundwater Standards 15A NCAC 02L .0202(c). When referring to the costs associated with providing the above remediation it must be taken into account that Chemours is gaining a cost savings of \$5,000,000 per month in cost savings for the elimination of shipping the Waste Water to Texas. It must also be taken into account the processing of the Waste from the Netherlands in determining the feasibility of providing public water or Whole Home Solutions to all "affected parties". Affected Party is any property found with a groundwater well in exceedance of the NC Ground Water Standards established by the NC Environmental

Page xiv

Comply with 2L Rules (CO paragraph 16), including following the policy for the intention of the 2L Rules "to maintain and preserve the quality of the groundwaters, prevent and abate pollution and contamination of the water of the state, protect public health, and permit management of the groundwaters for their best usage by the citizens of North Carolina" (15A NCAC 02L .0103)1; and comply with other requirements of the CO.

Response to Page xiv

Chemours is not in compliance with the Consent Order as they are not testing for all of the Chemicals listed on Attachment C. The two compounds that are not tested for are PFMOPrA (Perfluoro-3- methoxypropanoic acid) & PFMOBA (Perfluoro-4- methoxybutanoic acid). This should be a complaint that all address to Michael Scott and Michael Regan @ NC DEQ. Prior to approval of a Corrective Action Plan NC DEQ should ensure that the Consent Order is actually enforced and that a permanent remediation solution or permanent whole home water solutions are provided.

Page xvi

Because the results of the HH-SLEA and Ecological SLEA indicate that exposures to HFPO-DA in offsite environmental media do not pose a hazard to human health or the environment, site-specific, risk-based cleanup goals were not developed; rather, cleanup goals are based on CO and 2L rules. ****

For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules. At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible.

For offsite groundwater receptors, provide public water connections or whole building filtration units or reverse osmosis units to qualifying surrounding residents (CO paragraphs 19 and 20);

Response: to Chemours CAP Page xvi

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MAR - 4 2020

Department of Environmental Quality

Eugene A. Swinson

Name

6967 Point East Dr.

Address

Fayetteville, NC 28306

City / State / Zip

eswinson1@icloud.com

Email or Phone #

Department of Environmental Quality

Secretary Michael Regan

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Raleigh, N.C. 27699-1601

publiccomments@ncdenr.gov

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From: [Martin, Sharon L.](#)
To: [SVC_DENR.publiccomments](#)
Subject: FW: Public comments received
Date: Monday, March 9, 2020 11:37:30 AM
Attachments: [2020 03 06 public comment on proposed GW corrective action plan 1.pdf](#)
[2020 03 06 public comment on proposed GW corrective action plan 2.pdf](#)
[2020 03 06 public comment on proposed GW corrective action plan 3.pdf](#)
[2020 03 06 public comment on proposed GW corrective action plan 4.pdf](#)
[2020 03 06 public comment on proposed GW corrective action plan 5.pdf](#)

From: Morris-McLawnhorn, Bridgette R
Sent: Friday, March 6, 2020 2:08 PM
To: Holman, Sheila <sheila.holman@ncdenr.gov>; Lane, Bill F <Bill.Lane@ncdenr.gov>; Martin, Sharon L. <sharon.martin@ncdenr.gov>; Lance, Kathleen C <kathleen.lance@ncdenr.gov>
Subject: Public comments received

Good afternoon,

Please find attached 5 more public comments received via mail today on the proposed GW Corrective Action Plan.

Thanks,

Bridgette Morris-McLawnhorn
Executive Assistant to Secretary Michael Regan &
Chief Deputy Secretary John Nicholson
North Carolina Department of Environmental Quality

(919) 707-8643 office
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bmorris@ncdenr.gov

217 West Jones Street
1601 Mail Service Center
Raleigh, NC 27699

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

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MAR - 6 2020

Department of Environmental Quality

Ronald Benson
Name
5893 dudley Rd
Address
Fayetteville NC 28312
City / State / Zip
910-308-0869
Email or Phone #

Department of Environmental Quality

Secretary Michael Regan

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Raleigh, N.C. 27699-1601

publiccomments@ncdenr.gov

Subject: Public Comment to the proposed Groundwater Corrective Action Plan

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MAR - 6 2020

Department of Environmental Quality

Penny Benson
Name
5893 dudley Rd
Address
Fayetteville NC 28312
City / State / Zip
910-622-2129
Email or Phone #

Department of Environmental Quality

Secretary Michael Regan

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Rebecca Pritchard
Name
2692 McFarlane Rd.
Address
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City / State / Zip
treeantwig@hotmail.com
Email or Phone #
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Secretary Michael Regan

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RECEIVED
Office of the Secretary

MAR - 6 2020

Department of Environmental Quality

DERRICK MARTIN
Name

6990 POINT EAST DR
Address

FAYETTEVILLE NC 28306
City / State / Zip

dmartin166@nc.rr.com
Email or Phone #
910-495-5153

Department of Environmental Quality

Secretary Michael Regan

RE: Written Non-Concurrence to the proposed Groundwater Corrective Action Plan

1601 Mail Service Center

Raleigh, N.C. 27699-1601

publiccomments@ncdenr.gov

Subject: Public Comment to the proposed Groundwater Corrective Action Plan

I am one of the "affected parties: per 15A NCAC 02L .0202(c) and § 143-215.2A. (Relief for contaminated private drinking water wells). **I DO NOT CONCUR** with the Corrective Action Plan (CAP) as written. I am providing my non-concurrence IAW 15A NCAC 02L .0106(k) (3) and provide my written notification to the Secretary of DEQ and Governor of the State of North Carolina. I demand equal treatment under the laws of North Carolina and demand Secretary Regan force Chemours and/or Dupont to provide a Permanent Solutions for all wells found to be contaminated in exceedance of NC Groundwater Standards listed in 15A NCAC 02L .0202. It is the belief that § 143-215.2A, which was enacted in June 2018 and became a State Statute can still be used to force Chemours and/or Dupont to run water at their expense. Paragraph 34 utilized the verbiage Session Law 2018-5 Sec 13.1(c) when it was signed and enacted in February 2019 over 8 months after § 143-215.2A had been enacted as a State Law. Referring to it as Session Law 2018-5 Sec 13.1 (c) thus makes the limitations that DEQ attempted to place on the use of § 143-215.2A invalid. Since the enactment of the Consent Order Chemours has been in violation in all testing of wells as they are not testing for all chemicals agreed upon in Attachment C as both **PFMOPra (Perfluoro-3- methoxypropanoic acid) & PFMOBA (Perfluoro-4- methoxybutanoic acid)** are not tested for. GEL Labs can test for these two compounds as they are tested for during NC DEQ testing of wells.

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- (1) that all sources of contamination and free product have been removed or controlled pursuant to Paragraph (f) of this Rule;
- (2) that the time and direction of contaminant travel can be predicted with reasonable certainty;
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 - (A) such properties are served by an existing public water supply system dependent on surface waters or hydraulically isolated groundwater; or
 - (B) the owners of such properties have consented in writing to the request;

There is still contamination in our trees specifically pine type trees and our soil that Chemours has no intention of remediating. This will continue to have pass through contamination caused by rainfall passing thru the vegetation. As such (1) will not be achieved and neither will (2) above. Contaminants have migrated off of the Fayetteville Works Facility to the adjacent properties as far as 11 miles from the center of the facility covering an area in excess of 125 square miles and growing. All properties could be provided public water supply IAW 15A NCAC 02L .0106 (k) at far less in cost that the cost to remediate an area over 125 square miles. Of whole home water filtration could be provided to all homes with detection of PFAS in exceedance of the NC Ground Water Quality Standards. Chemours can make the choice to fund billion to tens of billions of dollars of cleanup or millions for providing permanent whole home solutions. I do not consent IAW (3)(B) until Chemours provides that resolution voluntarily or forced by the State.

Per 15A NCAC 02L .0106(b) Any person conducting or controlling an activity that results in the discharge of a waste or hazardous substance or oil to the groundwaters of the State, or in proximity thereto, shall take action upon discovery to terminate and control the discharge, mitigate any hazards resulting from exposure to the pollutants and notify the Department, as defined in 15A NCAC 02C .0102, of the discharge. Chemours and Dupont violated 15A NCAC 02L .0106 (d) Any person conducting or controlling an activity that is conducted under the authority of a permit initially issued by the Department on or after December 30, 1983 pursuant to G.S. 143-215.1 or G.S. 130A-294 and that results in an increase in concentration of a substance in excess of the standards. This was known by NC DEQ as far back as December 2016 when Chemours delivered the Corrective Measures Study to DEQ. So for three years Chemours failed to address a Corrective Action Plan, and has only done so to meet a requirement of a Consent Order.

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Response: to Chemours CAP Page xvi

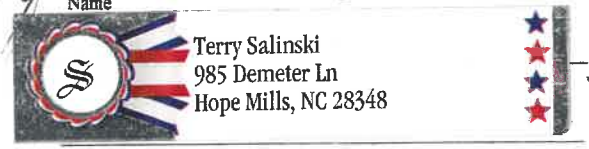
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Terry Lee Salinski / Terry Lee Salinski
Gary W. Salinski / GARY W. SALINSKI

RECEIVED
Office of the Secretary

MAR - 6 2020



Name
Terry Salinski
985 Demeter Ln
Hope Mills, NC 28348

City / State / Zip

gsalinski@nc.deq.com
Email or Phone #

Department of Environmental Quality

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Secretary Michael Regan

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add: What about the ability to utilize our swimming pool for our pleasure and to increase the value of our home? Who is going to pay the medical bills for our affected pets (family)?

Page 1 of 4

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We should not be accountable for any costs due to Chemours negligence and non-compliance.

From: [Martin, Sharon L.](#)
To: [SVC_DENR.publiccomments](#)
Cc: [Peterson, Kyle R](#)
Subject: FW: [External] PFAS comments -Chemours CAP
Date: Monday, March 9, 2020 9:42:22 AM
Attachments: [PFAS letter March2020.pdf](#)
[image001.png](#)

From: Peterson, Kyle R
Sent: Monday, March 9, 2020 9:41 AM
To: Martin, Sharon L. <sharon.martin@ncdenr.gov>
Subject: FW: [External] PFAS comments

FYI – not sure if you have a holding place for these

Kyle Peterson
Assistant General Counsel
N.C. Dept. of Environmental Quality
Mailing Address: 1601 Mail Service Center, Raleigh, NC 27699-1601
Phone: (919) 707-8531

From: Scott, Michael
Sent: Friday, March 6, 2020 4:36 PM
To: Holman, Sheila <sheila.holman@ncdenr.gov>; Peterson, Kyle R <kyle.peterson@ncdenr.gov>
Subject: FW: [External] PFAS comments

Making sure this goes into the public comments on the CAP for Chemours.



Michael E. Scott
Director, Division of Waste Management
North Carolina Department of Environment Quality
919.707.8246 (Office)
Michael.Scott@ncdenr.gov

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

From: Scott, Michael
Sent: Wednesday, March 4, 2020 11:44 AM
To: Woosley, Julie <julie.woosley@ncdenr.gov>; Mccarty, Bud <bud.mccarty@ncdenr.gov>; Ghiold, Joe <joe.ghiold@ncdenr.gov>
Subject: Fwd: [External] PFAS comments

Fyi.

----- Forwarded message -----

From: David Paul Genereux <dpgenere@ncsu.edu>
Date: Mar 4, 2020 10:49 AM
Subject: [External] PFAS comments
To: "Scott, Michael" <michael.scott@ncdenr.gov>,"Smith, Danny" <danny.smith@ncdenr.gov>
Cc: "Wilson, Nat" <nat.wilson@ncdenr.gov>

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Dear Michael, Danny,

I've attached a letter with a few comments/suggestions related to the Corrective Action Plan (CAP) offered by Chemours, focusing on "off-site" aspects of groundwater contamination outside the Fayetteville Works property. Best regards,

Dave

--

~~~~~  
David Genereux, Ph.D.  
Professor, Dept. of Marine, Earth, & Atmospheric Sciences  
Jordan Hall, Room 5135  
North Carolina State University  
Raleigh, NC 27695-8208 USA  
phone: 919-515-6017  
e-mail: [genereux@ncsu.edu](mailto:genereux@ncsu.edu)  
~~~~~



Marine, Earth, and Atmospheric Sciences
5135 Jordan Hall
North Carolina State University
Raleigh, NC 27695-8208
919-515-6017
genereux@ncsu.edu

March 4, 2020

Mr. Michael Scott, Director, Division of Waste Management
Mr. Danny Smith, Director, Division of Water Resources
North Carolina Department of Environmental Quality
217 West Jones Street
Raleigh, NC 27603

Dear Mr. Smith and Mr. Scott:

I'm writing with a few comments related to the Corrective Action Plan (CAP) offered by Chemours for the PFAS problem at and around their facility in Bladen County, NC. My comments here focus on "off-site" aspects of groundwater contamination, outside the Fayetteville Works property.

Pilot Program for Deeper Private Water Supply Wells

From the [DEQ web site](#), I understand that the Revised Consent Order requires that Chemours provide permanent drinking water supplies (in the form of either a public waterline connection or whole building filtration system) for those with drinking water wells having GenX above 140 parts per trillion, and provide under-sink reverse osmosis (RO) drinking water systems for well owners with combined concentrations of certain PFAS above 70 parts per trillion or concentrations of certain individual PFAS above 10 parts per trillion.

While granular activated carbon (GAC) filters and RO systems can be effective at removal of PFAS from water, it seems possible that some wells drawing in PFAS-contaminated groundwater may continue to do so for many years, perhaps decades, requiring a very long-term commitment to careful maintenance of such in-home filtration systems for the protection of human health. Also, at a February 26, 2020 public forum with researchers and Chemours area residents at Fayetteville State University, there was mention of issues with microbial growth in GAC systems, and of routing of PFAS-concentrated "rejectate" (waste water) from RO systems into septic systems (and thus back into the ground).

As an alternative to in-home treatment systems, I suggest that DEQ consider requiring Chemours to fund a pilot program that involves drilling deeper private or shared community water supply wells that reach beneath contaminated groundwater, to provide clean groundwater to homes that currently have wells contaminated with PFAS. Such wells could be drilled into the Upper Cape Fear Aquifer, or, with caution, clean deeper parts of the Black Creek Aquifer in some areas (some parts of this aquifer do have PFAS contamination), or perhaps other suitable subsurface formations.

I think a useful pilot program would utilize only high-quality professional drillers, and have oversight from groundwater experts at DEQ and NC universities. No bridging of confining units with gravel packs would be allowed; where a borehole runs through a confining unit, grout would be required in and above the annular space, to ensure this space does not become a conduit for inter-aquifer movement of PFAS. I imagine a pilot program could begin with 10 or so carefully drilled and installed wells. If it is successful in supplying residents with good quality groundwater that is essentially PFAS free or extremely low in PFAS, the program could be expanded at Chemours expense.

At the February 2020 symposium I mentioned above, one area resident said she had asked Chemours to provide a deeper well, and her request was refused. A second resident said she had obtained quotes for a deeper water supply well, with estimates in the range of \$15k. If such wells are successful, they could represent an essentially permanent solution for residents with shallower contaminated wells, possibly without the decades-long complication of in-home treatment. I can't confirm the resident's estimate of \$15k; if each well cost twice that much (which seems unlikely), even 100 wells would cost only \$3 million, a relatively small sum for Chemours in the context of the overall PFAS problem and the solutions they are pursuing.

The proposed program could be seen as meeting Chemours' objective to "Provide replacement drinking water" (page 54 of the CAP). According to page 76 of the CAP, "Chemours is working with NCDEQ to identify locations where public water is available and can be provided to private residents for less than \$75,000 per affected party". Deeper wells may be cost-competitive relative to new connections to existing public water supplies.

Watershed-Scale Monitoring of PFAS Export

My understanding is that the CAP does not involve mitigation of stream export of PFAS into the Cape Fear River from tributary watersheds near Chemours (Georgia Branch, Willis Creek, and unnamed tributaries on the east side of the river, all significantly contaminated with PFAS). It seems possible there could be some monitoring of PFAS in some streams, but the language in the CAP is not very clear on this, and even if streams are included in the "baseline monitoring" (page 86 of the CAP), it seems that it may be for only one year.

One of the most important practical questions concerning the "off-site" groundwater contamination is, assuming the source (mainly air emissions) has been nearly eliminated, how long will it take for the PFAS contamination to flush out of the groundwater system by groundwater discharge into streams? The answer is not well known but it may be decades. In my opinion, considering the large scale of the contamination, it's in the best interest of the state and local residents to have an integrated large-scale measure of the rate of PFAS loss from the groundwater system, rather than rely only on point measurements at a limited number of wells. Stream export can provide such a measure.

I suggest that long-term stream discharge monitoring stations be established on Georgia Branch, Willis Creek, and at least one tributary on the east side of the Cape Fear River, and that these stations be used to collect continuous records of stream discharge (as at USGS gauging stations) and frequent measurements of PFAS in the stream water. Design, construction, and operation of the stations would be through experts at DEQ, USGS, and NC universities, at Chemours expense.

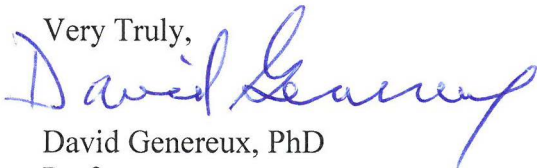
Each station would provide integrated watershed-scale data on the rate of PFAS export from the watershed (a good metric for the rate of PFAS discharge from groundwater), and the rate of change of PFAS export over time. This watershed-scale assessment of the resource would complement the information from point measurements at individual wells and provide what is likely the best indication of the overall rate of progress in recovery of the water quality in the affected groundwater systems.

Chemours is claiming enormous reductions in PFAS emissions to air in the last year or two, and if that is true and the clock has truly started on PFAS flushing from the groundwater, now is the perfect time to begin the suggested monitoring.

Collection of RO Rejectate

If the anecdotal information I've heard about RO system rejectate being routed to on-site septic systems is true, then I would suggest that there is a better way. I understand that the primary goal of an in-home RO system is to provide clean water with little or no PFAS to the residents, and it's not intended as an aquifer remediation project. On the other hand, if a relatively small but concentrated PFAS waste stream exists and can be easily captured (as with RO systems), it would seem disappointing to release it back into the aquifer, especially given the impact of this problem on residents and the state of NC, and the ready availability and proximity of a responsible party with means. A more desirable solution would seem to be Chemours-funded collection of all RO system rejectate, followed by responsible destruction of the waste through thermal oxidation or at least safe disposal through deep well injection.

Very Truly,



David Genereux, PhD
Professor

Department of Marine, Earth, and Atmospheric Sciences
NC State University

From: [Christopher Voigt](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Monday, March 9, 2020 9:39:09 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Christopher Voigt
1314 Rothes Rd
Cary, NC 27511-5023

From: [Matthew McCoy](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Monday, March 9, 2020 8:39:05 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Matthew McCoy
5800 Perennial Ln
Wilmington, NC 28403-3585

From: [Alicia Willard](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Monday, March 9, 2020 2:27:06 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Alicia Willard
1554 Danny Bell Rd
Asheboro, NC 27205-2026

From: [Connie Raper](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Monday, March 9, 2020 1:48:11 AM

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Dear Department of Environmental Quality,

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Connie Raper
2614 Woodmont Dr
Durham, NC 27705

From: [Lynn Elliott](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Monday, March 9, 2020 1:48:06 AM

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Dear Department of Environmental Quality,

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Lynn Elliott
2614 Woodmont Dr
Durham, NC 27705

From: [Gloria Kanoy](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Sunday, March 8, 2020 10:54:06 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Gloria Kanoy
2000 Whitmore Circle
Chapel Hill, NC 27516

From: [Julie Beckwith](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Sunday, March 8, 2020 10:21:08 PM

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Dear Department of Environmental Quality,

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Julie Beckwith
3745 Swarthmore Rd
Durham, NC 27707

From: [Cindy Elmore](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Sunday, March 8, 2020 8:42:09 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Cindy Elmore
758 Winterfield Dr
Winterville, NC 28590-8484

From: [Mary Baldwin](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Sunday, March 8, 2020 7:03:15 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Mary Baldwin
6516 Red Cedar Rd
Wilmington, NC 28411-4730

From: [Eva Duggins](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Sunday, March 8, 2020 6:06:17 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Eva Duggins
2212 NC Highway 731 W
Mount Gilead, NC 27306-8624

From: [Carole Newsome](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Sunday, March 8, 2020 5:57:59 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Carole Newsome
7211 Emerald Dr
Emerald Isle, NC 28594-3010

From: [Janice Stevenson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Sunday, March 8, 2020 5:33:07 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Janice Stevenson
21 Von Ruck Terrace
Asheville, NC 28801

From: [Paula Curry](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Sunday, March 8, 2020 3:39:07 PM

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Dear Department of Environmental Quality,

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Paula Curry
504 N Main Ave
Maiden, NC 28650-1124

From: [Michael Blake](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Sunday, March 8, 2020 3:12:06 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Michael Blake
2024 Klein Rd
Wilmington, NC 28405-2718

From: [mary frazer](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Sunday, March 8, 2020 1:19:34 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

mary frazer
1716 Evergreen Ave
Raleigh, NC 27603-3078

From: [Beverly McIllwain](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Sunday, March 8, 2020 12:12:49 PM

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Dear Department of Environmental Quality,

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Beverly McIllwain
5413 Breakwater Dr
Granite Falls, NC 28630-8807

From: [Jonathan Brown](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Sunday, March 8, 2020 11:24:07 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Jonathan Brown
7218 Chaddsley Dr
Huntersville, NC 28078-2277

From: [Helena Guiles](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Sunday, March 8, 2020 9:42:50 AM

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Helena Guiles
3722 Park Rd Unit Q
Charlotte, NC 28209-2162

From: [Naomi Johnson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Sunday, March 8, 2020 3:21:08 AM

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The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Naomi Johnson
225 Warrior Woods Rd
Carthage, NC 28327-8991

From: [Zack Heinkel](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Saturday, March 7, 2020 10:54:06 PM

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Dear Department of Environmental Quality,

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Zack Heinkel
115 Ferris Wheel Ct
Cary, NC 27513-3618

From: [Patricia Rister](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Saturday, March 7, 2020 8:51:04 PM

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Patricia Rister
323 Winding Woods Way
Beaufort, NC 28516-7411

From: [Chelsea Brooks](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Saturday, March 7, 2020 8:42:09 PM

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Dear Department of Environmental Quality,

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Chelsea Brooks
1107 Nonya St
Pleasant Garden, NC 27313

From: [Connie Raper](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Saturday, March 7, 2020 7:39:07 PM

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Connie Raper
2614 Woodmont Dr
Durham, NC 27705-2760

From: [Janet Kuykendall](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Saturday, March 7, 2020 5:13:01 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Janet Kuykendall
973 Mauney Cove Rd.
Waynesville, NC 28786

From: [Roger Chellew](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Saturday, March 7, 2020 4:42:09 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Roger Chellew
63 Brazil Nut Ln
Smithfield, NC 27577-8783

From: [Ann Mccray](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Saturday, March 7, 2020 1:45:06 PM

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Dear Department of Environmental Quality,

For all of us, there comes a day when we realize we could have done more, better, selflessly and been rewarded beyond measure psychologically for being our best selves. Sounds like a sappy sentimental self-help thought except that it's not.

When the world was created, North Carolina was blessed with abundant resources and limitless natural beauty. I'm not an NC native bragging. I was born and bred elsewhere, but I've moved back to North Carolina three times because these attributes call me. Now, after nearly 17 years in Wilmington, my heart sinks for the wide wonderful Cape Fear River, a needless victim to human greed and ecological indifference.

The River is tainted, dismally so, by people who seem to know the cost of everything but the value of nothing. And, yet, maybe even that worn phrase falls short in appraising this dire situation because a priceless natural resource has been squandered.

People of conscience in a position to remedy this disaster for the greater good must rise to the occasion of a thorough, permanent solution to the pollution, or we will all suffer even more. Are you such a person? Such a committee? Such a department?

No half-measures will do now in rectifying the River. You know that. We all know that. The only redemption is in doing the right thing, regardless of the monetary cost. Money was never meant to be a value; it's a means to support and improve life. Please consider this and hold those responsible accountable in full measure for all damages.

May your vision and commitment to North Carolina be as wide and beautiful as the River itself.

Most sincerely,
Ann Parks McCray

Ann Mccray
1712 Signature Pl
Wilmington, NC 28405-4130

From: [Margaret Norris](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Saturday, March 7, 2020 12:21:06 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Margaret Norris
51 Carrisbrooke Ln
Winston Salem, NC 27104

From: [marilyn shane](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Saturday, March 7, 2020 11:36:12 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

marilyn shane
1412 Milton St
Spring Lake, NC 28390-2512

From: [jeff bohan](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Saturday, March 7, 2020 11:36:09 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

jeff bohan
900 Teague Rd
Winston Salem, NC 27107-6933

From: [Kevin Watson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Saturday, March 7, 2020 10:18:08 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Kevin Watson
3 West Raleigh Rd
Asheville, NC 28803-1144

From: [Kathleen Laub](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Saturday, March 7, 2020 7:00:07 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Kathleen Laub
908 Warren St
Clinton, NC 28328

From: [Ellen Watson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Saturday, March 7, 2020 3:09:07 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Ellen Watson
248 PO
Bethania, NC 27010

From: [Julie Nye](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Saturday, March 7, 2020 12:06:06 AM

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Dear Department of Environmental Quality,

The proposed plan put forward by Chemours is inadequate and leaves communities at risk. Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks.

Chemours must be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Julie Nye
407 River Trace Dr
Rougemont, NC 27572-6500

From: [Charles Allen](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, March 6, 2020 11:09:06 PM

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Charles Allen
1592 S Oak Dr
Shelby, NC 28150-3207

From: [amity pelfrey](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, March 6, 2020 11:09:05 PM

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Dear Department of Environmental Quality,

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

amity pelfrey
5907 Applewood Lane
Raleigh, NC 27609

From: [Mary Combs](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Friday, March 6, 2020 10:42:22 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Mary Combs
1602 Airport Rd
Marion, NC 28752-3882

From: [Viv Graves](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Friday, March 6, 2020 10:36:07 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Viv Graves
1163 John Sandling Rd
Franklinton, NC 27525-8907

From: [Timothy Thronson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, March 6, 2020 7:42:54 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Timothy Thronson
7437 Capstone Drive
Raleigh, NC 27615

From: [Liz Davis](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, March 6, 2020 6:21:04 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution. Chemours has been well aware of what their pollution is doing but they want to continue polluting because it's cheaper and they can benefit financially.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Liz Davis
586 Salola Ln
Brevard, NC 28712-8489

From: [Christopher Randall](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, March 6, 2020 6:18:19 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Christopher Randall
203 E. Sunset Blvd.
Cove City, NC 28523

From: [Sandra Koritz](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Friday, March 6, 2020 6:12:17 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Sandra Koritz
4 Cactus Ct Unit B
Greensboro, NC 27410-9738

From: [Donna Kilette](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Friday, March 6, 2020 5:27:27 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Donna Kilette
13472 NC Highway 48
Littleton, NC 27850-8987

From: [Jeff Kulp](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, March 6, 2020 5:03:06 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Jeff Kulp
5417 Oldtowne Rd
Raleigh, NC 27612-6111

From: [William Lasley](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, March 6, 2020 4:51:05 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

William Lasley
1800 N. Elm St., Apt. F-3
Greensboro, NC 27408

From: [Diane Nelson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, March 6, 2020 4:21:57 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Diane Nelson
244 Sweet Bay Pl
Carrboro, NC 27510

From: [Deborah Finn](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, March 6, 2020 3:45:52 PM

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Dear Department of Environmental Quality,

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Deborah Finn
750 Weaver Dairy Rd
Chapel Hill, NC 27514-1438

From: [Alex East](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Friday, March 6, 2020 2:54:15 PM

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Dear Department of Environmental Quality,

Dear Department of Environmental Quality (DEQ),

I work in PFAS chemical exposure research, and although my comment is not a reflection of my employer, agency, or affiliates, it is my personal recommendation that you take full measures to stop Chemours from polluting Cape Fear River, and demand a full cleanup of the operation.

I am embarrassed that a Hollywood celebrity has toured this state advocating for basic human rights legislation, asking only that our communities are not poisoned by the externality of a multinational billion-dollar company. We ask that you take full punitive action against Chemours who have polluted our state's drinking water.

Children are at especially at risk group in relation to PFAS - and water is a common route pathway. Please uphold our existing state legislation and hold this company accountable for polluting our great state, citizens, and ecosystems.

Thank you for your services to our state and communities.

Best Regards,
Alexander East

Alex East
207 Marvista Ct
Cary, NC 27518

From: [Rebecca Ann Helgesen](#)
To: [SVC_DENR_publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, March 6, 2020 2:39:59 PM

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Dear Department of Environmental Quality,

How can anyone possibly justify NOT requiring a total clean-up of this poisoned groundwater and soil by those who poisoned it? It's as bad as letting a murderer off the hook because he or she can make you lots of money. And any rationale for allowing a partial, ineffective clean-up is foundationally nonsensical.

Only full-home filtration systems can protect people, and most people can't afford them or are dependent on landlords/owners to provide them, transferring the burden of protecting public health to citizens and owners, rather than Chemours, which caused the problem.

As you know, PFAS in the soil exposes people through other pathways than drinking water, including fruits and vegetables grown in local gardens.

I'm very concerned, and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. It is Chemours' responsibility to clean up. Their partial proposal completely disregards public health now and for future generations. Your job is to protect the public health, and I urge you to do that by rejecting Chemours' indifferent proposal and requiring a full cleanup.

Rebecca Ann Helgesen
902 Shellbrook Court, Apt 3
Raleigh, NC 27609

From: [Karen Santucci](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, March 6, 2020 2:30:17 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Karen Santucci
4951 Lombardy Ln
Winston Salem, NC 27103-5213

From: [Arthur Bluethenthal](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, March 6, 2020 2:15:16 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

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Arthur Bluethenthal
5 Stevendale Ct
Greensboro, NC 27410-3700

From: [Shirley May Cleveland](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Friday, March 6, 2020 2:02:39 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Shirley May Cleveland
109 Whitehaven Ln.
Cary, NC 27519

From: [Joy Fowler](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, March 6, 2020 1:58:50 PM

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Dear Department of Environmental Quality,

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Be responsible. Clean up after yourselves! Water is life!

Joy Fowler
214 Hurdle Mills Road
Cedar Grove, NC 27231

From: [Rob Allyn](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, March 6, 2020 12:40:07 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Rob Allyn
59 Luther Cove Rd
Candler, NC 28715

From: [Joseph Allen](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, March 6, 2020 12:34:35 PM

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Dear Department of Environmental Quality,

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Joseph Allen
200 Charlotte Ct
Clayton, NC 27520-7082

From: [Kirsten Hall](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Friday, March 6, 2020 12:30:14 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River. Whenever I hear a call to deregulate businesses to spur economic growth I instantly point to the irresponsible actions of Chemours and Duke Energy. This pollution has become a cautionary tale, but if there are no real consequences then takeaway for other businesses will be that irresponsibility will be rewarded.

Kirsten Hall
214A Poplar St
Chapel Hill, NC 27516

From: [Debbie Kenyon](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, March 6, 2020 12:21:20 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Debbie Kenyon
509 Gablefield Ln
Apex, NC 27502-1361

From: [Judith Porter](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, March 6, 2020 11:38:10 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please demand that Chemours pursue a full cleanup of its contamination and halt the release of PFAS-laden groundwater into the Cape Fear River.

Judith Porter
927 Mulberry Mill Rd
North Wilkesboro, NC 28659-7706

From: [Elaine Molnar](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, March 6, 2020 11:11:17 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Elaine Molnar
4106 Brookfield Way
Southport, NC 28461

From: [Bonnie Westbrook](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments regarding Chemours and GenX
Date: Friday, March 6, 2020 11:03:48 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about our water quality and the effects it could have on my and my family's health. So I'm very disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk. Your department needs to hold them truly accountable and also impose stiff fines to keep them and other companies from polluting in the future! Please use the fines to fund more studies into the effects of various PFAS so that specific levels allowed can be determined for more compounds.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear River, and stop burdening residents (and even tourists) with continued exposure and health risks. The company needs to be held fully accountable for all costs associated with cleaning up their own pollution, as well as damages.

Since the Federal Government and the EPA are doing whatever the President and lobbyists want to weaken all environmental protections, we need to be able to count on our state government to step up and do more. Thank you for your hard work to protect us from polluters.

Bonnie Westbrook
3795 Ridge Crest Dr
Southport, NC 28461-8177

From: [Yvonne` Sherman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Friday, March 6, 2020 11:01:40 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Yvonne` Sherman
1400 Olde Cedar Court
Davidson, NC 28036

From: [John Miller](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Friday, March 6, 2020 10:53:30 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

John Miller
72 N Market St Apt 68
Asheville, NC 28801-2920

From: [Pauline Crawshaw](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, March 6, 2020 10:24:25 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

These chemicals are harmful to all residents from birth to senior citizens. Doing just a part of a cleanup will not help the communities in the area. All of the chemicals must be removed from the ground and water ways in the area. Filters will never be able to do a complete job.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Pauline Crawshaw
3306 S Heritage Dr
Hendersonville, NC 28791-3555

From: [Susan Hannah](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, March 6, 2020 9:12:21 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Susan Hannah
476 Caldwell Dr SE
Concord, NC 28025-3602

From: [Lois Hoot](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, March 6, 2020 9:03:09 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Lois Hoot
405 Alderson Rd
Washington, NC 27889-3101

From: [Bunny Simoneau](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Friday, March 6, 2020 8:51:52 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I am fed up with corporate profits being prioritized over public health. If a corporation proves that it cannot operate without poisoning people, it needs to fail. I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Bunny Simoneau
10112 Lafoy Dr
Huntersville, NC 28078-4659

From: [Susan Broadhead](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, March 6, 2020 8:51:51 AM

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Dear Department of Environmental Quality,

The Cape Fear River is an important resource for the people who live in its environs. It belongs to the public, and should be kept safe and unpolluted, which means effectively cleaning up contamination. It is the responsibility of those who polluted it to do this job.

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Susan Broadhead
48 Full Circle Trl
Black Mountain, NC 28711-6075

From: [Mark Shapiro](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Friday, March 6, 2020 8:48:27 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Mark Shapiro
1021 W Markham Ave
Durham, NC 27701-1528

From: [Cora Brazell](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, March 6, 2020 8:18:16 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Cora Brazell
5005 Oleander Dr
Wilmington, NC 28403-7016

From: [Stan Bozarth](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Friday, March 6, 2020 7:36:20 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

The PFAS in our drinking water is the result of Chemours' negligence and abdication of responsibility. We're being poisoned and they simply keep finding ways to keep operating and pollute our water and our health. I urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination and to pay for whatever filtration system is required by water utilities to provide safe, clean drinking water. PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens. The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup and to pay any and all damages due to their neglect.

Stan Bozarth
1310 Legacy Ln
Wilmington, NC 28411

From: [Rebecca Showalter](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, March 6, 2020 7:24:21 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

As a 25 year North Carolinian, I have always trusted that the water that my family drinks is safe, and that my government would keep it safe. I'll be honest that I am losing faith that this will continue to be true. Chemours betrayed us; now, the question is whether they will be held accountable by you, our representatives.

I'm so disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Rebecca Showalter
921 Walkertown Dr
Raleigh, NC 27614

From: [David Collins](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Friday, March 6, 2020 7:24:05 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

David Collins
3912 Carolina Beach Rd
Wilmington, NC 28412-7361

From: [Betty Horan](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, March 6, 2020 6:06:11 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Betty Horan
40178 Leslie Ln
Avon, NC 27915

From: [Theresa Waldspurger](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, March 6, 2020 5:30:15 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Theresa Waldspurger
PO Box 271, 680 W King St
Boone, NC 28607

From: [Keith Bates](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, March 6, 2020 12:33:10 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Keith Bates
212 Thomas Trail
Reidsville, NC 27320

From: [Tamara Imperiale](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, March 6, 2020 12:12:17 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Tamara Imperiale
103 Shore Lake Dr Apt H
Greensboro, NC 27455-1461

From: [Pat Momich](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 10:42:27 PM

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Dear Department of Environmental Quality,

We learn to clean up our own messes as small children. Now Chemours needs to clean up its mess. It's irresponsible to put profit above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Pat Momich
7839 Nc 208 Hwy
Marshall, NC 28753-7536

From: [Alan Linn](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 10:36:11 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

So with all that being said, my question to you (DEQ), is why are you dragging your feet in getting this clean-up started?

Do you not care about the health and welfare of the citizens living in these areas, just because you don't live there, but what would you do if these companies would start building more of their plants down the street from your homes?

I'll bet you wouldn't waste any time in getting the ball rolling in stopping those builds. Am I right ??

Alan Linn
2115 Derby St
Hickory, NC 28602

From: [Joanne Nikides](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 10:06:44 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

This is an outrage.

Joanne Nikides
5106A Murphy School Rd
Durham, NC 27705-8037

From: [Donald Baker](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 9:39:55 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution. Europe has already banned these chemicals so why is the United States so far behind in protecting humans???

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Donald Baker
6095 Shore Park Dr
Leland, NC 28451-6701

From: [Deborah Byerly](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 9:37:14 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Deborah Byerly
PO Box 114
Lewisville, NC 27023-0114

From: [Brenda Delima](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 9:21:43 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Polluted water affects so much more than just humans, it also affects the animal and plants it comes into contact with as well. In turn, these things harm whatever they come into contact with as well, such as wildlife eating a contaminated animal or plant.

Chemours, YOU made this mess, YOU need to clean it up. STOP polluting our water!

Brenda Delima
105 Barnbridge Ct
Cary, NC 27519-6667

From: [Joan Beard](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 8:45:33 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Joan Beard
510 Hickory Leaf Ct
Lumberton, NC 28358-2336

From: [Steven Tracy](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 8:39:41 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Steven Tracy
1118 Heatherloch Dr
Gastonia, NC 28054-6442

From: [pam hall](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 8:18:55 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

pam hall
131 Woodland Dr Apt 105
Elkin, NC 28621-2469

From: [Sheila Jones](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 8:18:17 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Sheila Jones
6719 Mintwood Ct
Wilmington, NC 28405-7752

From: [James Bengel](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 8:10:36 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

James Bengel
20 Canterbury Ct
Wendell, NC 27591

From: [Linda Hartford](#)
To: [SVC_DENR_publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 7:42:38 PM

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Dear Department of Environmental Quality,

In kindergarten, I learned that when I made a mess I should clean it up. The CEOs of Chemours should be held just as responsible as kindergartners.

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Linda Hartford
1403 Ashewood Cir
Asheboro, NC 27203-3688

From: [J S](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 7:39:27 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

J S
14535 Harmonious St
Charlotte, NC 28278

From: [Jack Mahrt](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 7:24:37 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Jack Mahrt
6705 April Mist Trl
Huntersville, NC 28078-2313

From: [Jeffrey Snow](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 7:15:28 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Jeffrey Snow
3108 Hunters Bluff Dr
Raleigh, NC 27606-9623

From: [Cynthia Radabaugh](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Water is the Source of Life
Date: Thursday, March 5, 2020 7:12:10 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Cynthia Radabaugh
9259 Bonnie Briar Cir
Charlotte, NC 28277

From: [Tiffany Ehnes](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 7:00:04 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Tiffany Ehnes
429 Rainbow Rd
Advance, NC 27006-6710

From: [Mara Ruiz](#)
To: [SVC_DENR.publiccomments](#); [SVC_DENR.publiccomments](#); [SVC_DENR.publiccomments](#);
[SVC_DENR.publiccomments](#); [SVC_DENR.publiccomments](#)
Subject: [External] Chemours should pay for clean up, and should properly compensate the affected families
Date: Thursday, March 5, 2020 6:44:24 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

When I started to write this letter, I was doing it in solidarity with all the people affected by the Chemours contamination spill, now we count ourselves among their victims.

It is time that big corporations be made accountable for their safety failures. Especially if those failures result into people seeing the value of their properties fall; family members getting sick; the loss of their livelihoods; or even the loss of lives.

Making money should not play the only role of corporations, but being and conscientious neighbor and job provider.

Olga Jones

From: [Catherine Carter](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours and GenX
Date: Thursday, March 5, 2020 6:42:30 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Catherine Carter
241 Oak Forest Drive
Cullowhee, NC 28723

From: [Brinkley Hutchings](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Ensure Chemours Pays for Cleanup
Date: Thursday, March 5, 2020 6:10:40 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Hello,

I would like to submit a public comment about Chemours. Please ensure the health of North Carolinians by holding Chemours to the strictest environmental standards and making them pay for the cost of cleaning up their pollution. The health of North Carolina residents must be protected.

Thank you,
Brinkley Hutchings

--

Brinkley Hutchings

[Leadership Coach \[brinkleyhutchings.com\]](#)

Founder/Director of [Nature Connect NC \[natureconnectnc.org\]](#) and [Nature Connect Alabama \[natureconnectalabama.org\]](#)

251-747-7846

From: [Frank Lorch](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 5:54:08 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Frank Lorch
1522 Lynway Dr
Charlotte, NC 28203-6044

From: [Sue-Ann Rush](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Bad Deal for clean up.
Date: Thursday, March 5, 2020 5:30:08 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Sue-Ann Rush
1060 Stonebridge Ln
Leland, NC 28451-4109

From: [Patrick Stroud](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 5:24:08 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Patrick Stroud
4394 Privet Dr
Kernersville, NC 27284-6731

From: [Michelle Wells](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 5:21:15 PM

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Dear Department of Environmental Quality,

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Michelle Wells
113 Modena Dr
Cary, NC 27513

From: [Lynn Wood](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 5:12:52 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Lynn Wood
Palm Harbor Drive
Murphy, NC 28906

From: [Carol Keeser](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 5:12:52 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Carol Keeser
1976 Tiger Eye Court
Winston Salem, NC 27127-8008

From: [Tony Farino](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 5:12:06 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

Let's put it this way, take a glass of water from that river and you drink it. If you cannot, then you know better and they must stop polluting.

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination.

Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Tony Farino
6813 Stillmeadow Dr
Charlotte, NC 28277-9136

From: [Gary Andrew](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 5:06:53 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Would you want to drink water sourced from this river? Many residents can not afford to purchase bottled water. And residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Gary Andrew
319 N Downing St
Davidson, NC 28036-0269

From: [Barbara Thornton](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 5:00:27 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Barbara Thornton
7111 Union Grove Church Rd
Chapel Hill, NC 27516-5267

From: [Diane Thomas](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' plan is not sufficient
Date: Thursday, March 5, 2020 5:00:14 PM

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Dear Department of Environmental Quality,

Please require Chemours to do a full and complete cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Diane Thomas
110 Pinecrest Rd
Durham, NC 27705-5813

From: [Luke Williams](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 4:51:33 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Luke Williams
223 Rouen Ct
Wilmington, NC 28412

From: [Mary Alden Hanson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 4:45:37 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Mary Alden Hanson
7412 Rocky Ridge Rd.
WAKE FOREST, NC 27587

From: [Clarice Reber](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours" Corrective Action Plan
Date: Thursday, March 5, 2020 4:41:15 PM

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To Whom It May Concern at the Department of Environmental Quality:

I am writing to oppose Chemour's proposed groundwater corrective action plan. It does not do enough to protect our health or environment. Chemours has polluted thousands of acres of groundwater with toxic chemicals and poisoned public and private water supplies. Their proposed groundwater corrective plan leaves highly contaminated groundwater at the site and does little to prevent that bad water from entering private wells and the river which supplies most of Wilmington's drinking water leaving thousands and thousands of NC citizens at risk for polluted drinking water. Already, my grandchildren must carry bottled water to school. NC must move swiftly to reduce the risk of water poisoning with PFAS/GENX pollution.

Furthermore, we the citizens of NC should not pay the clean up bill. My families' water bills are going up in order to clean PFAS including GENX from our drinking water already in order to improve our water treatment plants. These chemical are in the Cape Fear River. Chemours made the profit from bad practices, their shareholders should take the financial hit, not NC citizens.

DEQ's mission is to "provide science-based environmental stewardship for the health and prosperity of All North Carolinians." Please emphasize both the health and prosperity portion of your mission. Require Chemours to remove contaminated groundwater at their site at their cost.

Thank you.

Clarice Reber
claricereber@gmail.com
7919 Blue Heron Dr W, #305
Wilmington, NC 28411

From: [Bonnie Harvell](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 4:03:06 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Bonnie Harvell
553 Oak Hammock Dr
Harkers Island, NC 28531-9692

From: [Cindy Taylor](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 4:00:04 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Cindy Taylor
1315 Beechgrove Ln
Chapel Hill, NC 27516-5398

From: [Brenda Tenerelli](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 3:57:09 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Brenda Tenerelli
30 Roberts Rd.
Weaverville, NC 28787

From: [Ellen Rothenberg](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 3:54:04 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

Please, please require Chemours to stop, desist and clean up our water! I can't believe they're still able to do what they're doing and leave the cleanup to us! If folks can afford it, they're being forced to pay for specialized filters and the rest are being forced to put themselves into harms way because they can't afford to spend \$\$ to clean our already expensive coastal water. I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Ellen Rothenberg
43 Goldsboro St
Ocean Isle Beach, NC 28469-7645

From: [Linda Peterson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 3:30:06 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Linda Peterson
404 Woodlark Ct
Indian Trail, NC 28079

From: [Carole Newsome](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 3:24:08 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Carole Newsome
7211 Emerald Dr
Emerald Isle, NC 28594-3010

From: [Marie Michl](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 3:07:35 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Marie Michl
108 Whispering Pines Dr
Rocky Mount, NC 27804

From: [Robert Baker](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 3:00:52 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

They should all be in jail. They poisoned hundreds of thousands!!! I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Robert Baker
PO Box 1093
Wilmington, NC 28402-1093

From: [Stephen Blake](#)
To: [SVC_DENR_publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 2:51:51 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

The NC Department of Environmental Quality must make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking water source for downstream communities and local residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Corporate polluters are not above the law. Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Stephen Blake
2114 Hollyrod St
Winston Salem, NC 27127-2928

From: [Mary Goodkind](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 2:51:51 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Mary Goodkind
23 Ridgefield Pl
Asheville, NC 28803-3019

From: [Mark Andersen](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 2:39:07 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Mark Andersen
18404 John Connor Rd.
Cornelius, NC 28031

From: [Ken House](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 2:36:06 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

We need to protect our waterways to maintain drinking water quality and to protect our vital coastal ecosystem. We have identified a problem area, and we should work together to find a permanent solution.

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Ken House
412 Parkview Crescent
Chapel Hill, NC 27516

From: [Scott Jordan](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 2:33:06 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Scott Jordan
264 Wildwood Rd
Rutherfordton, NC 28139

From: [Catherine Thompson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 2:24:05 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages. I

Catherine Thompson
140 Mount Airy Rd
Southport, NC 28461

From: [Kim Adams](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 2:21:09 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Kim Adams
516 Melrose Avenue Ext
Tryon, NC 28782-3374

From: [Katherine Crothers](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 2:21:05 PM

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Dear Department of Environmental Quality,

Dear Sir or Ma'am,

As a mother and grandmother living in the Thyroid Cancer Hotspot of 28117....

Please keep our NC water, air and soil safe.

We may lose the value of our home but our young people are getting sick.

On your watch.

The federal government isn't doing that so it falls to NC to make policies that at a minimum reflect the golden rule in the living conditions it leaves to its residents.

I am a teacher by profession. If someone makes a mess- it is the moral and polite thing for whoever made the mess to clean it up.

Why regulations and safeguards were not in place to prevent someone from making this mess...I fail to understand.

The problem is now here and it needs to be owned and fixed.

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Katherine Crothers
273 Castles Gate Dr
Mooresville, NC 28117-4407

From: [Tom Baldwin](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 2:15:08 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Tom Baldwin
697 Dobbins Rd
Ellenboro, NC 28040-9394

From: [Kimberly West](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 2:03:49 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Kimberly West
1912 Washington St
Wilmington, NC 28401-6714

From: [Celeste Rogers](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 2:00:06 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Celeste Rogers
1807 Baywater Ct SE
Bolivia, NC 28422-8085

From: [Carol Barre](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 1:54:05 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities including my city. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Carol Barre
1009 Robert E Lee Dr
Wilmington, NC 28412-7141

From: [Phyllis Holmes](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 1:54:04 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Phyllis Holmes
3 Windrow Dr
Asheville, NC 28805-1281

From: [Chas Griffin](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 1:51:51 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Chas Griffin
1275 Seven Lakes N.
Seven Lakes, NC 27376

From: [Lorna Lineberry](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 1:51:08 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Lorna Lineberry
6265 Hunt Rd
Pleasant Garden, NC 27313

From: william.carothers
To: SVC_DENR.publiccomments
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 1:45:51 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

william carothers
40 Inverrary Rd
Pinehurst, NC 28374

From: [Barbara Smith](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 1:39:53 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

My best friend lives in the Fayetteville area and so do a lot of our heroic soldiers which reside at Fort Bragg.

Barbara Smith
220 Kinsale Dr
Chapel Hill, NC 27517-3433

From: [George Bartholomew](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 1:39:51 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

George Bartholomew
680 W King St
Boone, NC 28607-3564

From: [Jennifer Hodgkinson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 1:39:09 PM

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Dear Department of Environmental Quality,

You call this a plan?! You are in charge of maintaining environmental quality. Do your job!!

Go back a work a plan that actually keeps us safe. Teflon should be banned. People used regular pans before, they will do it again after being educated to the harm it causes.

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Jennifer Hodgkinson
602 Windcrest Rd
Durham, NC 27713

From: [Gary Nuccio](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 1:36:50 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

I'm sure you are aware of the recent information that has been released to the public domain regarding the forever chemicals now polluting the water supplies that we all come in contact with daily. It just so happens that DuPont is the leading contributor to the presence of polyflouroakyls (PFAS) in our water. It is a must that you take your responsibilities to keep our water supplies safe and healthy seriously. You are the guardians who need to stop the systematic abuse of our water supplies. Water is the living creation that makes this existence we are a part of possible. Without her, we do not exist. Give water the eminent respect it deserves and let DuPont know it needs to clean up it's act at it's own expense. Thank you for your service. g

Gary Nuccio
1225 High Lonesome Rd
Bryson City, NC 28713-0317

From: [Jim Mitchem](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 1:36:04 PM

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Dear Department of Environmental Quality,

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Jim Mitchem
154 Old Spring Rd
Belmont, NC 28012-9707

From: [John Little](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 1:33:49 PM

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

John Little
4201 Windsor Pl.
Raleigh, NC 27609

From: [Carolyn Beckner](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 1:33:49 PM

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Dear Department of Environmental Quality,

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Carolyn Beckner
5116 Verde Vista Cir
Asheville, NC 28805

From: [Cindy Hazeltine](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 1:27:08 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Cindy Hazeltine
7614 Dunbar Dr SW
Sunset Beach, NC 28468-4616

From: [John Weast](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 1:24:54 PM

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Dear Department of Environmental Quality,

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

John Weast
200 Peachtree Mtn Est Rd
Murphy, NC 28906-8647

From: [Erin Ehrhardt](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 1:24:06 PM

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Dear Department of Environmental Quality,

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Erin Ehrhardt
3413 US 21 Hwy
Hamptonville, NC 27020-7309

From: [Warren Bobbitt](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 1:24:04 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Warren Bobbitt
2004 Galena Chase Dr
Indian Trail, NC 28079-6599

From: [Melinda Lewis](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 1:21:07 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Melinda Lewis
3208 Hubbard Road
Charlotte, NC 28269

From: [Rica xxxx](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 1:09:08 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

You poison your children and everyone else's unless, of course, you drink bottled water or know that your well is good.

Rica xxxx
Xxxx
Whiteville, NC 28472

From: [Dennis Letman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 1:09:07 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Dennis Letman
1515 Park Summit Blvd
Apex, NC 27523-4370

From: [Velter Lima](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 1:09:05 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Velter Lima
4004 Old Fairground Rd
Angier, NC 27501-6941

From: [Kathleen Mcquaid](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 1:09:05 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Kathleen Mcquaid
802 Brooklyn St
Raleigh, NC 27605-1421

From: [Joan Mahery](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 1:09:04 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Joan Mahery
527 Rose Hill Rd
Asheville, NC 28803-8544

From: [David Stratton](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 1:03:05 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

David Stratton
4907 Rembert Dr
Raleigh, NC 27612-6239

From: [Stephanie Scaramelli](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 12:57:50 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Stephanie Scaramelli
383 Bellwood Dr
Henderson, NC 27536-4805

From: [James Currier](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 12:54:52 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

James Currier
404 Longwood Terrance
Roxboro, NC 27573

From: [Frederick Boyce](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 12:54:06 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

The natural environment is not a subset of the economy. Sawing off the branch one is standing on is not good economic policy, or any other kind for that matter.

Frederick Boyce
756 Tuttle's Grove Rd.
Beaufort, NC 28516

From: [Bonne Zotos](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 12:54:05 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Bonne Zotos
2223 Whiterock Ct
Sherrills Ford, NC 28673

From: [Burt Melton](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 12:48:13 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Burt Melton
7035 Marching Duck Dr
Charlotte, NC 28210-2200

From: [Timothy Benbow](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 12:48:12 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Timothy Benbow
2736 Cedar Falls Rd
Franklinville, NC 27248

From: [Wanda Williams](#)
To: [SVC_DENR_publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 12:48:10 PM

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Dear Department of Environmental Quality,

I live in Brunswick County which according to [https://urldefense.com/v3/__https://www.ewg.org/research/national-pfas-testing/__;!!HYmSToo!L8i1iz5os86EtbMtVOa5DyHjL5J5wAMNhkGzXsd4cs7zj6urQgmEyICJ-zhNs99VVHSsmYI\\$](https://urldefense.com/v3/__https://www.ewg.org/research/national-pfas-testing/__;!!HYmSToo!L8i1iz5os86EtbMtVOa5DyHjL5J5wAMNhkGzXsd4cs7zj6urQgmEyICJ-zhNs99VVHSsmYI$) is the number one area in the USA for PFA contaminated water.

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Wanda Williams
PO BOX 10762
Southport, NC 28461

From: [Jason Cashwell](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan - Thank you DEQ
Date: Thursday, March 5, 2020 12:48:08 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Jason Cashwell
314 Fairfield Ln
Cary, NC 27511-5408

From: [Bill Bush](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 12:48:08 PM

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Dear Department of Environmental Quality,

I RESLIZE THE STATE HAS BUSINESS FRIENDLY POLICY, BUT THST DOES NOT EXTEND TO THIS BUSINESS OF POISONING PEOPLE AND DOING SUPERFICIAL "PRETEND, GOOD ENOUGH GOR GOVERNMENT WORK" YO SORTA SLIGHTLY CLEAN IT UP . STAND FOR THE PEOPLE!!!!

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Bill Bush
8040 Park Springs Rd
Ruffin, NC 27326-8975

From: [Sandra Dishman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 12:48:07 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Sandra Dishman
1883 Prince Edward Dr
Elon, NC 27244-9172

From: [Ricardo Arevalo](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 12:45:10 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River. How is it possible this plan is even considered, this is a PR campaign, give a break.

Ricardo Arevalo
6403 Rockshire Dr
Charlotte, NC 28227-8033

From: [Henry Torrey](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 12:45:07 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Henry Torrey
2029 Aurora Ln
Franklinton, NC 27525

From: [Laura Boggess](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 12:42:53 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Laura Boggess
501 Bailey St
Mars Hill, NC 28754-6209

From: [Beth Livingston](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] They Owe a LOT More to the People They Have Harmed
Date: Thursday, March 5, 2020 12:42:53 PM

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Dear Department of Environmental Quality,

I'm flabbergasted to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is far from adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Beth Livingston
1105 Trails End Rd
Durham, NC 27712

From: [Bob Mcelroy](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 12:42:52 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Bob Mcelroy
151 Mimosa Blvd
Atlantic Beach, NC 28512-6525

From: [Claudia Kaplan](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 12:42:52 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Claudia Kaplan
4911 Victoria Drive
Durham, NC 27713

From: [William Garrard](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 12:42:51 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

William Garrard
472 22nd Ave NE
Hickory, NC 28601-1520

From: [Fran Lynch](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 12:36:51 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

The notion that a corporation can game the system by polluting the water, a life necessity, needed by their customers/fellow Americans in an effort to boost their profits is not only immoral but bad business! Killing your customers is not a successful business strategy. PFAS in our drinking water can not be ignored and the DEQ must require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members to this danger through fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. It is imperative that DEQ do its duty to protect their fellow citizens and reject Chemours' self-serving proposal and require a full cleanup.

Fran Lynch
10412 Fairbrook Ter
Raleigh, NC 27617-1849

From: [Mary Adams-Ali](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 12:36:16 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

We the people are tired of companies polluting our water, ground and air. They must be held accountable for cleanup and never allowed to continue their practice. They make millions from their products and should be forced to develop ways to eliminate their pollution.

Mary Adams-Ali
703 S Hayne St
Monroe, NC 28112-6013

From: [Heather Visingard](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 12:36:04 PM

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Dear Department of Environmental Quality,

This is very simple. Organizations, corporations and individuals need to take responsibility for their actions.

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Heather Visingard
1407 Castle Ct
Lenoir, NC 28645-8362

From: [Camille Harris-Wallace](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 12:33:08 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Camille Harris-Wallace
3701 W Gate City Blvd
Greensboro, NC 27407-4627

From: george.kalinchak
To: SVC_DENR.publiccomments
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 12:33:08 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

george.kalinchak
357 Argonne Rd
Southport, NC 28461-7828

From: [Victoria Oliver](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 12:33:07 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Victoria Oliver
725 Messer Rd
Murphy, NC 28906

From: [Gabrielle Barry](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 12:27:09 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Gabrielle Barry
3764 Selwyn Cir
Southport, NC 28461-7505

From: [Marilyn Zuckerman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 12:27:05 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Some of my family live in Wilmington and they can no longer drink tap water or use it for cooking. That is unacceptable. Please clean up the mess.

Marilyn Zuckerman
1010 Sturdivant Dr
Cary, NC 27511-4723

From: [Mbark Montasser](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 12:21:54 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Mbark Montasser
3109 Frinks Street
Raleigh, NC 27610

From: [Jon Pitt](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 12:15:09 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Jon Pitt
2011 Ford Gates Dr
Garner, NC 27529-3765

From: [Sharon Daugherty](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 12:15:09 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River. The company should be closed down for the permanent damage they have done to the environment. Disgusting.

Sharon Daugherty
4312 Bramlet Pl
Greensboro, NC 27407

From: [Robert Austin](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 12:15:07 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Robert Austin
135 Williston Creek Road
Williston, NC 28579-9582

From: [William Yingst](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 12:15:07 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

William Yingst
1042 Putting Ln
Carolina Shores, NC 28467-2247

From: [Beth Ann Mellinger](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 12:12:13 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Beth Ann Mellinger
105 Florence Dr
Pinehurst, NC 28374-8207

From: [Andrew Meulendyk](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 12:12:12 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Andrew Meulendyk
7714 Whipple Trl
Greensboro, NC 27455

From: [Shaun Jones](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 12:12:05 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Shaun Jones
2315 Bayview St
Gastonia, NC 28054-3817

From: [Tracy Gregory](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 12:12:05 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Tracy Gregory
125 Church St.
Fuquay-Varina, NC 27526

From: [Lisa West](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 12:09:06 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Lisa West
227 W Lookout Rd
Nags Head, NC 27959-9451

From: [Peter Finlay](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours" groundwater plan
Date: Thursday, March 5, 2020 12:09:00 PM

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Dear DEQ,

Chemour should be confiscated as a public trust and all responsible management should be put in the field digging up the mess they created. All profits should be put to cleaning up the mess and the full board would be replaced till the water cleanup is done. Salaries would be cut on all knowledgable management to subsistence living as they are now indentured to the clean up till completed. This would be a clear sign to other firms that the land is not theirs but is on loan from the public and must be returned clean and free from toxins. Their familys must live with in the polluted areas.

Sick of this stuff, spent my life near the Hudson river and couldn't swim in it 50 years ago because of PCBs. How can this gross negligence go on with all the laws we have. The owners and management are like out of a sick movie. Please be the good guys and make them pay. The other thing is trading in their stock is frozen, no one is allowed to dump the stock and no bankruptcy.

Peter Finlay
Willmington NC

From: [Leonard Mole](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 12:06:50 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Leonard Mole
1406 Laughridge Dr
Cary, NC 27511-5240

From: [Diane Wallace](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 12:06:49 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

FROM DIANE WALLACE FORSYTH COUNTY NC Resident: Let's try to keep the Cape Fear River area as clean as possible for everyone's benefit.

Diane Wallace
2503 NC Highway 66 S
Kernersville, NC 27284-4311

From: [Debra Donnelly](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 12:03:05 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Debra Donnelly
246 Garrett Cove Rd
Leicester, NC 28748-5436

From: [deb brady](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours and GenX
Date: Thursday, March 5, 2020 12:03:05 PM

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Dear Department of Environmental Quality,

It's unacceptable that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

deb brady
6500 NC highway 61
gibsonville, NC 27249

From: [Joan Pearson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 12:00:52 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Joan Pearson
23 Banjo Way
Asheville, NC 28804-8707

From: [Fred Coppotelli](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 12:00:52 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Fred Coppotelli
383 Seldon Emerson Rd.
Cedar Mountain, NC 28718

From: [Thurman Grove](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 12:00:51 PM

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Dear Department of Environmental Quality,

The proposed plan put forward by Chemours is not adequate and leaves communities at risk. Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Thurman Grove
3320 White Oak Rd
Raleigh, NC 27609-7619

From: [Linda Gorby](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 12:00:50 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup. It is DEQ's responsibility to standup for the health and safety of the people, animals and the Earth protect all, it is your responsibility!

Linda Gorby
9620 Kestral Ridge Dr
Charlotte, NC 28269-6213

From: [Steven Gordon](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 12:00:10 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Steven Gordon
349 Savannah Garden Drive
Carthage, NC 28327

From: [Mary Mullin](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 12:00:08 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Mary Mullin
3410 - D Northline Avenue Unit D
Greensboro, NC 27410

From: [Ed Flowers](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 12:00:07 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Ed Flowers
750 Weaver Dairy Rd
Chapel Hill, NC 27514

From: [Hassane Alsibai](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 12:00:06 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Hassane Alsibai
2015 Ernesto Lane
Raleigh, NC 27603

From: [Chris Moses](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:57:50 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Chris Moses
125 Sprunt St
Chapel Hill, NC 27517-7810

From: [George Czerw](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] The Proposed Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:57:50 AM

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Dear Department of Environmental Quality,

As an environmentally concerned citizen of this state, I'm writing to state that I am quite disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. They have illegally polluted the Cape Fear River with their toxic chemicals for decades and I believe that the cleanup proposal which Chemours has submitted is woefully inadequate and leaves our communities at risk.

Please take action to ensure that Chemours totally cleans up their pollution, blocks all PFAS in the groundwater from discharging into the Cape Fear River, and stops burdening our families with continued exposure and health risks.

I demand that this company be held fully accountable for the costs associated with both the cleanup of their own pollution and for any and all collateral damages which they have caused.

Thank-you for your consideration.

George Czerw
703 Alyssum Ave
Caswell Beach, NC 28465

From: [Sally Buchanan](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemors
Date: Thursday, March 5, 2020 11:57:21 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Chemors has poisoned our river water and ground water. The counties are paying millions of dollars to try to provide safe drinking water for the citizens. Chemors should be responsible for cleaning up their mess. They should be required to assume all the costs to return the river and ground waters to the level before they polluted the environment. And their actions should be required in the immediate future...not dragged out over a lifetime.

Sally Buchanan
904 Caswell Beach Road
Caswell Beach, NC 28465

From: [Anne Cassebaum](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:57:09 AM

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Dear Department of Environmental Quality,

Chemours needs to come up with a complete plan to stop their discharge of PFAS into the Cape Fear River and not stop with a partial plan. I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River.

The river is a drinking source for downstream communities. Please keep this fact foremost in your mind. The river is also a source of fish and water for our coastal fisheries.

There is no safe level for continued exposure and Chemours must cutoff their pollution.

Isn't it your job to protect our drinking water? Why wouldn't you demand that Chemours pursue a full cleanup, including halting the release of PFAS-laden groundwater into the Cape Fear River?

Anne Cassebaum
3469 Amick Rd
Elon, NC 27244-8111

From: [Todd Yennior](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:57:08 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Todd Yennior
1325 Forest Wood Dr
Lewisville, NC 27023

From: [Paul Collins Jr](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:57:06 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Paul Collins Jr
2224 Western Park Ln
Hillsborough, NC 27278-9395

From: [Shari Broyles](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 11:57:05 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Shari Broyles
131 Riverfield Dr
Statesville, NC 28625-8781

From: [Melinda Alpaugh](#)
To: [SVC_DENR_publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 11:57:04 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Melinda Alpaugh
51 Darlington Dr
Broadway, NC 27505-9558

From: [Jessie Cannon](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 11:54:15 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Jessie Cannon
3333 Alleghany Dr
Raleigh, NC 27609-6903

From: [Michael Gyurica](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 11:54:13 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Michael Gyurica
4609 Briargrove Ct
Greensboro, NC 27410

From: [Gail Sikes](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:54:13 AM

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Gail Sikes
313 E Church St
Rose Hill, NC 28458-1427

From: [Christopher Chromey](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:54:05 AM

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Dear Department of Environmental Quality,

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Christopher Chromey
12 Sheppard Dr
Asheville, NC 28806

From: [Fred Starling](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 11:51:09 AM

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Fred Starling
3246 Sunnysdale Dr
Fayetteville, NC 28312-7936

From: [Donald Rumph](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:51:08 AM

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The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

One of the things we learn as children is that when you make a mess, you clean the mess up. Why should that not apply to companies and corporations as well?

Donald Rumph
3238 Quail Pointe Dr
Greenville, NC 27858-7335

From: [Harold Bowker](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 11:51:08 AM

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The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup. It will take yrs to understand the full medical impacts so lets error on the side of protecting our communities.

Harold Bowker
392 Beacon Ln
Sneads Ferry, NC 28460-6506

From: [Elizabeth Mitchell](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:51:05 AM

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Elizabeth Mitchell
328 W Morgan St Ste A
Raleigh, NC 27601

From: [Dennis Hill](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 11:48:11 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Dennis Hill
1310 Nantz Ave
Mount Holly, NC 28120-2342

From: [Nancy Davis](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:48:11 AM

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Nancy Davis
5201 Roundstone Way Apt 103
Charlotte, NC 28216-2298

From: [Luvi Valino](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:45:15 AM

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Dear Department of Environmental Quality,

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Luvi Valino
3615 Sunchase Dr
Fayetteville, NC 28306-8092

From: [Grace Hepler](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:45:12 AM

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Grace Hepler
1879 Harper Rd
Clemmons, NC 27012-8621

From: [Fred Lampe](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 11:45:11 AM

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Fred Lampe
1710 Michaux Rd
Chapel Hill, NC 27514-7636

From: [Sreekanth Belpu](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 11:45:10 AM

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Sreekanth Belpu
2112 Bluff Oak Dr
Cary, NC 27519-0104

From: [Garold Carlisle](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 11:45:08 AM

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The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Garold Carlisle
321 S Kerr Ave Unit 111
Wilmington, NC 28403-1450

From: [Heide Coppotelli](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 11:42:49 AM

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Heide Coppotelli
383 Seldon Emerson Rd
Cedar Mountain, NC 28718-9017

From: [Cheryl Jednak](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:42:49 AM

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Cheryl Jednak
209 Ginseng Ln
Hendersonville, NC 28791-1322

From: [Gayle Adcock](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:42:14 AM

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Gayle Adcock
503 Manor Ridge Dr
Carrboro, NC 27510

From: [Anar Mirkar](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 11:42:08 AM

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Anar Mirkar
1305 Spring Song Ln
Knightdale, NC 27545-9105

From: [Leona Whichard](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:42:07 AM

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Leona Whichard
344 Cedar Club Circle
Chapel Hill, NC 27517

From: [William Coxe](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 11:42:05 AM

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William Coxe
908 Pelican Dr
New Bern, NC 28560

From: [Susan Holt](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:39:14 AM

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Dear Department of Environmental Quality,

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Susan Holt
350 Morningstar Lake Rd
Forest City, NC 28043-8186

From: [Pat Vescio](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:39:13 AM

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Your consideration will be appreciated.

Pat Vescio
312 Arvo Ln
Cary, NC 27513

From: [Heather MacIntosh](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:39:10 AM

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Heather MacIntosh
5000 Prentice Pl
Charlotte, NC 28210-2920

From: [Steven Snyder](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 11:39:08 AM

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Steven Snyder
911 W 2nd St
Roanoke Rapids, NC 27870-1620

From: [Carol Colhard](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 11:39:07 AM

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Carol Colhard
8295 Ellijay Rd
Franklin, NC 28734-3805

From: [Kim Kent](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:39:04 AM

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Kim Kent
382 Captain Beam Blvd
Hampstead, NC 28443-7425

From: [Jessica Small](#)
To: [SVC_DENR.publiccomments](#)
Cc: [postmanrick29@aol.com](#)
Subject: [External] Public Comment to the proposed Groundwater Corrective Action Plan
Date: Thursday, March 5, 2020 11:38:55 AM
Attachments: [Rebuttal to Corrective Action Plan.pdf](#)

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Secretary Michael Regan,

Attached you will find our public comment against the proposed Groundwater Corrective Action Plan. Should you need any other clarification, please let us know.

Thank you,

Richard and Jessica Small
3640 Thrower Road
Hope Mills, NC 28348

Richard and Jessica Small

3640 Thrower Road

Hope Mills, NC 28348

910-709-7793/568-6795

Postmanrick29@aol.com/Jwsmall02@aol.com

Department of Environmental Quality

Secretary Michael Regan

RE: Written Non-Concurrence to the proposed Groundwater Corrective Action Plan

1601 Mail Service Center

Raleigh, N.C. 27699-1601

publiccomments@ncdenr.gov

Subject: Public Comment to the proposed Groundwater Corrective Action Plan

1. We are some of the "affected parties: per 15A NCAC 02L .0202(c) and § 143-215.2A. (Relief for contaminated private drinking water wells). **I DO NOT CONCUR** with the Corrective Action Plan (CAP) as written. I am providing my non-concurrence IAW15A NCAC 02L .0106(k) (3) and provide my written notification to the Secretary of DEQ and Governor of the State of North Carolina. I demand equal treatment under the laws of North Carolina and demand Secretary Regan force Chemours and/or Dupont to provide a Permanent Solutions for all wells found to be contaminated in exceedance of NC Groundwater Standards listed in 15A NCAC 02L .0202. It is the belief that § 143-215.2A, which was enacted in June 2018 and became a State Statute can still be used to force Chemours and/or Dupont to run water at their expense. Paragraph 34 utilized the verbiage Session Law 2018-5 Sec 13.1(c) when it was signed and enacted in February 2019 over 8 months after § 143-215.2A had been enacted as a State Law. Referring to it as Session Law 2018-5 Sec 13.1 (c) thus makes the limitations that DEQ attempted to place on the use of § 143-215.2A invalid. Since the enactment of the Consent Order Chemours has been in violation in all testing of wells as they are not testing for all chemicals agreed upon in Attachment C as both **PFMOPrA (Perfluoro-3- methoxypropanoic acid) & PFMOBA (Perfluoro-4-methoxybutanoic acid)** are not tested for. GEL Labs can test for these two compounds as they are tested for during NC DEQ testing of wells.

2. As an adjacent property owner IAW the requirements of 15A NCAC 02L .0106(k)(3) **I DO NOT consent to the proposed Corrective Action Plan.** It is required by the provisions of 15A NCAC 02L .0106(k)(3) to gain approval of the property owners for the Corrective Action Plan that was submitted for the Chemours i.e. the Fayetteville Works Facility (Geosyntec Project Number TR0795). To date not one property owner that has been requested to provide consent. Unless Chemours and/or Dupont provides equal solutions for all "affected parties" i.e. anybody with a Well that has been found to have any PFAS contamination from the Fayetteville Works Facility (not limited to Attachment C of the consent order) in the means of a Whole Home Solution be it Granular Activated Carbon Systems or Public Water.

I non-concur with the Corrective Action Plan. Chemours & Dupont cannot be permitted to contaminate our groundwater wells, soil and vegetation without being required to remediate what they have damaged or a Permanent whole home water solution. Cost to remediate or Public water should be the only feasible solution regardless of costs i.e. the \$75K DEQ imposed limit.

3. 15A NCAC 02L .0106(k)(3) is very clear and it states:

15A NCAC 02L .0106(k)(3) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the availability of public water supplies for the affected area; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs

(1) through (7) of this Paragraph. The person making the request shall demonstrate:

(1) that all sources of contamination and free product have been removed or controlled pursuant to

Paragraph (f) of this Rule;

(2) that the time and direction of contaminant travel can be predicted with reasonable certainty;

(3) that contaminants have not and will not migrate onto adjacent properties, or that:

(A) such properties are served by an existing public water supply system dependent on surface

waters or hydraulically isolated groundwater; or

(B) the owners of such properties have consented in writing to the request;

4. There is still contamination in our trees specifically pine type trees and our soil that Chemours has no intention of remediating. This will continue to have pass through contamination caused by rainfall

passing thru the vegetation. As such (1) will not be achieved and neither will (2) above. Contaminants have migrated off of the Fayetteville Works Facility to the adjacent properties as far as 11 miles from the center of the facility covering an area in excess of 125 square miles and growing. All properties could be provided public water supply IAW 15A NCAC 02L .0106 (k) at far less in cost than the cost to remediate an area over 125 square miles. Of whole home water filtration could be provided to all homes with detection of PFAS in exceedance of the NC Ground Water Quality Standards. Chemours can make the choice to fund billion to tens of billions of dollars of cleanup or millions for providing permanent whole home solutions. We do not consent IAW (3)(B) until Chemours provides that resolution voluntarily or forced by the State.

5. Per 15A NCAC 02L .0106(b) Any person conducting or controlling an activity that results in the discharge of a **waste or hazardous substance** or oil **to the groundwaters** of the State, or in proximity thereto, shall take action upon discovery to terminate and control the discharge, mitigate any hazards resulting from exposure to the pollutants and notify the Department, as defined in 15A NCAC 02C .0102, of the discharge. Chemours and Dupont violated 15A NCAC 02L .0106 (d) Any person conducting or controlling an activity that is conducted under the authority of a permit initially issued by the Department on or after December 30, 1983 pursuant to G.S. 143-215.1 or G.S. 130A-294 and that results in an increase in concentration of a substance in excess of the standards. This was known by NC DEQ as far back as December 2016 when Chemours delivered the Corrective Measures Study to DEQ. So, for three years Chemours failed to address a Corrective Action Plan, and has only done so to meet a requirement of a Consent Order.

5. IAW 15A NCAC 02L .0106 (k) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the **availability of public water supplies for the affected area**; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph.

6. The manner in which the consent order lists § 143-215.2A an State Law that was enacted in June of 2018 prior to the Enactment of the Consent Order in February of 2019. Session Law 2018-5 Sec 13.1 (c) is irrelevant as it had been enacted as a State Law prior upon ratification in June of 2018. So, it should not have been referred to as Session Law 2018-5, but as the State Statute and since listed incorrectly in Paragraph 34 of the Consent Order is invalid and the Secretary of DEQ can still force the polluters to pay

for permanent whole solution, be that Whole Home Granular Activated Carbon or the running of Public water Systems to all homes found with a well in violation of the NC Ground Water Standards.

7. 15A NCAC 02L .0106 (a) Where groundwater quality has been degraded, the goal of any required corrective action shall be restoration to the level of the standards, or as closely thereto as is economically and technologically feasible as determined by the Department in accordance with this Rule. If Chemours and/or Dupont cannot remediate all wells they have contaminated in violation of the 15A NCAC 02L .0202 standards. For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules. At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible. The size of the area encompasses thousands of private land parcels and any remedial construction activities using currently available remedial technologies (excavation and groundwater extraction) would be very disruptive to the local community and this disruption would continue for a lengthy period of time. Any remedy which in principle could help make progress towards PQLs over this large area would cost in the billions to tens of billions of dollars.

8. As two of the "affected parties" we are demanding that NC DEQ protect our rights and force Chemours and/or Dupont the polluters to either remediate the damages to our Groundwater Wells or provide permanent whole home solutions i.e. Whole Home Granular Activated Carbon or Public Water connections with a defined period of the polluter paying for the water bills. The same solution provided for the Coal Ash "Affected Parties".

9. Areas of Corrective Action Plan that indicate why Chemours and/or Dupont should be forced to provide Whole Home Filtration or Public Water for all those with wells that indicate exceedance of the NC Groundwater Standards 15A NCAC 02L .0202(c). When referring to the costs associated with providing the above remediation, it must be taken into account that Chemours is gaining a cost savings of \$5,000,000 per month in cost savings for the elimination of shipping the Waste Water to Texas. It must also be taken into account the processing of the Waste from the Netherlands in determining the feasibility of providing public water or Whole Home Solutions to all "affected parties". Affected Party is any property found with a groundwater well in exceedance of the NC Ground Water Standards established by the NC Environmental

Page xiv

Comply with 2L Rules (CO paragraph 16), including following the policy for the intention of the 2L Rules "to maintain and preserve the quality of the groundwaters, prevent and abate pollution and

contamination of the water of the state, protect public health, and permit management of the groundwaters for their best usage by the citizens of North Carolina" (15A NCAC 02L .0103)1; and comply with other requirements of the CO.

Response to Page xiv

Chemours is not in compliance with the Consent Order as they are not testing for all of the Chemicals listed on Attachment C. The two compounds that are not tested for are PFMOPrA (Perfluoro-3-methoxypropanoic acid) & PFMOBA (Perfluoro-4-methoxybutanoic acid). This should be a complaint that all address to Michael Scott and Michael Regan @ NC DEQ. Prior to approval of a Corrective Action Plan NC DEQ should ensure that the Consent Order is actually enforced and that a permanent remediation solution or permanent whole home water solutions are provided.

Page xvi

Because the results of the HH-SLEA and Ecological SLEA indicate that exposures to HFPO-DA in offsite environmental media do not pose a hazard to human health or the environment, site-specific, risk-based cleanup goals were not developed; rather, cleanup goals are based on CO and 2L rules. ****

For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules. At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible.

For offsite groundwater receptors, provide public water connections or whole building filtration units or reverse osmosis units to qualifying surrounding residents (CO paragraphs 19 and 20);

Response: to Chemours CAP Page xvi

Most all wells tested have multiple Chemicals in the wells. Some as many as 9- 16 yet in documents like this Corrective Action Plan you will see Chemours discussion relate to only HFPO-DA. In the Ground Water Quality Standard of the State of North Carolina under 15A NCAC 02L .0202(b)(2) Where two or more substances exist in combination, the Director shall consider the effects of chemical interactions as determined by the Division of Public Health and may establish maximum concentrations at values less than those established in accordance with Paragraphs (c), (h), or (i) of this Rule. In the absence of information to the contrary, in accordance with Paragraph (d) of this Rule, the carcinogenic risks associated with carcinogens present shall be considered additive and the toxic effects associated with non-carcinogens present shall also be considered additive.

We as an "affected party": per 15A NCAC 02L .0202(c) and § 143-215.2A (Relief for contaminated private drinking water wells) demand that the Secretary of DEQ and Governor of the State of North Carolina force Chemours and/or Dupont to provide a Permanent Solution for all wells found to be contaminated in exceedance of the NC Groundwater Standards as the remedy for our contaminated wells based on the admission that Chemours has no plan for remediation of our contaminated properties. Secretary Regan needs to follow NC Groundwater Quality Standards as well as enforce the Consent Order. Failure to do so is a failure to perform the duties of office.

Robert James Small
3-3-2020

From: [Megan Justice](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 11:36:18 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Megan Justice
3 Winterberry Way
Chapel Hill, NC 27516-9471

From: [Denise Sicotte](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 11:36:16 AM

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Dear Department of Environmental Quality,

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Denise Sicotte
6927 Conservatory Ln
Charlotte, NC 28210-3497

From: [Cindy Castevens](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:36:15 AM

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Dear Department of Environmental Quality,

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Cindy Castevens
648 Irving St.
Winston-Salem, NC 27103

From: [Mark Peters](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 11:36:15 AM

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Mark Peters
5 Carter Crest Ln
Fletcher, NC 28732

From: [Douglas Evans](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:36:11 AM

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Dear Department of Environmental Quality,

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Douglas Evans
105 Summerwalk Ct
Cary, NC 27518-9146

From: [Kathy Haigh](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 11:36:11 AM

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Kathy Haigh
4226 Masonboro Loop Rd
Wilmington, NC 28409-3560

From: [Lena Cogdill](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 11:36:08 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Lena Cogdill
600 Floyd Street
Fairmont, NC 28340

From: [Krissa Johnson-Sotomayor](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:36:05 AM

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The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

No one should be above the law or the safety of our water supply, a fundamental right and necessity to life.

Please do the right thing as is embedded in your Department name and mission ENVIRONMENTAL QUALITY. Water is not quality if it is contaminated.

Krissa Johnson-Sotomayor
106 Spring Needle Ct
Cary, NC 27513-3500

From: [Jacqueline Emerson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 11:36:05 AM

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Jacqueline Emerson
3512 New Potato Dr
Kannapolis, NC 28083-7600

From: [Chuck Dockery](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:33:51 AM

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Dear Department of Environmental Quality,

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The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Chuck Dockery
1088 Romie Snow Rd
Dobson, NC 27017

From: [Kay Bedingfield](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 11:33:51 AM

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Kay Bedingfield
8 Stadleridge Dr Apt C, Apt C
Greensboro, NC 27410

From: [Martha Smith](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:33:50 AM

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Martha Smith
510 W harnett St
Dunn, NC 28334

From: [Janis Ramquist](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:33:17 AM

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Janis Ramquist
2208 Oxford Hills Dr
Raleigh, NC 27608-1671

From: [James Zito](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 11:33:17 AM

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The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

James Zito
2073 Shelmore Way
Leland, NC 28451-9630

From: [Victoria White](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 11:33:10 AM

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Victoria White
Kestrel Dr
Shallotte, NC 28470

From: [Catherine Lavau](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:33:10 AM

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Catherine Lavau
605 Shady Lawn Rd
Chapel Hill, NC 27514-2005

From: [Michelle Allen](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 11:33:09 AM

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Michelle Allen
4474 Mill Village Rd
Raleigh, NC 27612-3764

From: [Keith Allen](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:33:08 AM

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Keith Allen
PO Box 11
Cedar Grove, NC 27231-0011

From: [Shirley Brutko](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:33:07 AM

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Shirley Brutko
PO Box 968
Kings Mountain, NC 28086-0968

From: [Burwell Ware](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:33:06 AM

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Dear Department of Environmental Quality,

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The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Burwell Ware
126 Kingston Dr
Chapel Hill, NC 27514-1630

From: [BRITTNY CALLENDER](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:30:12 AM

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BRITTNY CALLENDER
2159 Wolf Ln
Kinston, NC 28501-9702

From: [Tara Wilhelmson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, March 5, 2020 11:30:09 AM

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Tara Wilhelmson
1533 Ellis Rd
Durham, NC 27703-6368

From: [Glenn Goss](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:30:08 AM

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Glenn Goss
7117 Laurel Point Dr
Gibsonville, NC 27249-8515

From: [Douglas Meacham](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 11:30:07 AM

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Douglas Meacham
7203 Saint Crispins Way
Summerfield, NC 27358-9371

From: [Heidi McInnis](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 11:30:05 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Heidi McInnis
PO BOX 2478
Wilmington, NC 28402

From: [John Replogle](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, March 5, 2020 11:27:51 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

John Replogle
445 Drummond Dr
Raleigh, NC 27609-7033

From: [Eugenia Isbell](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours
Date: Thursday, March 5, 2020 11:16:12 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

I am confused. So it's O.K. if corporations pollute our drinking water without responsibility and no consequences? When is there going to be accountability for this negligence by Chemours? When is the NC Dept. of Environment going to take action to protect it's citizen's rather than the corporations?

Respectfully,
Eugenia Isbell

From: [Brianna Nisly](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, March 5, 2020 8:54:06 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Brianna Nisly
1639 Allens Ln
Wilmington, NC 28403-3690

From: [John Lipscomb](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Please stop Chemours evil deeds!
Date: Thursday, March 5, 2020 12:11:07 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

- **Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which its proposed plan fails to do.**
- **DEQ must ensure that Chemours—not families nearby and downstream communities already burdened by exposure and health risks—pays the costs to clean up its pollution.**
- **Let DEQ know that, with 45,000 acres of polluted, leaking groundwater, Chemours' plan will not clean up the problem and will leave our communities, drinking water, and the Cape Fear River at risk.**

From: [Charles Bailey](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Pollution Cleanup
Date: Wednesday, March 4, 2020 11:27:20 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

The polluting of the Cape Fear river by Chemours is totally unacceptable. It is unconscionable and immoral for Chemours management to put their company profits ahead of the health and safety of all of us who live downstream from them.

Chemours, not the public must be made to pay for the cost of the cleanup of it's pollution. The plan put forth by the company is inadequate and will leave all of our communities at risk.

Charles Bailey
Southport, NC

Sent from [Mail \[go.microsoft.com\]](mailto:Mail [go.microsoft.com]) for Windows 10

From: [Sharyn Curtis](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours water cleanup
Date: Wednesday, March 4, 2020 8:24:02 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

We first read about the Chemours GenX contamination years ago. We assumed that Brunswick County had done something about it. It's time for major lawsuits by now!

From: [Shannon Ryan](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Wednesday, March 4, 2020 6:42:05 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Shannon Ryan
15046 Deshler Ct
Charlotte, NC 28273-6950

From: [Glenda Lang](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Wednesday, March 4, 2020 5:48:08 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Glenda Lang
PO Box 1236
Rutherfordton, NC 28139

From: [Chris Micolucci](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Wednesday, March 4, 2020 4:43:07 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Chris Micolucci
20811 Island Forest Dr
Cornelius, NC 28031-7099

From: [Joan Ryder](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Wednesday, March 4, 2020 2:48:55 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Joan Ryder
5156 Exton Park Loop
Castle Hayne, NC 28429-7401

From: [Sandra Brown](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours water pollution
Date: Wednesday, March 4, 2020 2:12:02 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

As a long time resident of Wilmington NC, I feel it is imperative that Chemours is held responsible for the long pollution of the Cape Fear River and surrounding waters and forced to clean up the damage at their expense. It is a disgrace that they have put profits over our health, not to mention wildlife. The release of these toxins must stop and they need to be monitored closely to make sure they abide by the rules!!!!

Sent from my iPhone

From: [Christine Ellis](#)
To: [SVC_DENR_publiccomments](#)
Subject: [External] Chemours Corrective Action Plan - not corrective enough!
Date: Wednesday, March 4, 2020 2:06:07 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

PFAs in drinking water is a huge concern to Winyah Rivers Alliance and our Lumber Riverkeeper and Waccamaw Riverkeeper Programs. As community advocates working to protect clean water and healthy communities in the Lumber River Basin, we are concerned for the health of the local community nearby Chemours and also surrounding communities that are impacted.

Based on the information we've read, there does not seem to be a good grasp of possible groundwater issues across watershed boundaries. As you know, the aquifer in question are not confined to the Cape Fear River watershed. We are aware of reports of potential contamination in the Lumber River watershed too.

In order to properly protect our residents, we urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Residents should not have to rely on full-home filtrations systems to protect themselves and their loved ones, and foot the bill too!

Plus, PFAS in the soil can expose residents to harm through pathways other than drinking water, such as consuming fruits and vegetables grown in local gardens.

It is Chemours' responsibility to cleanup its mess. The current plan is not stringent enough to protect the health of nearby communities. Therefore we urge DEQ to reject Chemours' plan and require a full cleanup of its pollution.

Christine Ellis
106 Main Street
Pembroke, NC 28372

From: [Amber Williams](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Wednesday, March 4, 2020 9:15:50 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Amber Williams
1938 Middle Rd
Eastover, NC 28312-9705

From: [Sandy DeOliveira](#)
To: [SVC_DENR_publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Tuesday, March 3, 2020 9:27:52 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Sandy DeOliveira
1916 Wilmore Dr
Charlotte, NC 28203-4621

From: [Martha Spencer](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Tuesday, March 3, 2020 9:21:08 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Martha Spencer
988 Henry Mountain Rd
Brevard, NC 28712-6762

From: [Robert Voelker](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Tuesday, March 3, 2020 7:33:16 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Robert Voelker
330 Crowell Lane
Salisbury, NC 28146

From: [Pattie Mazzola](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] gray matter
Date: Tuesday, March 3, 2020 6:09:58 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

I live right across the street from Snow's Cut Park and the intercoastal waterway, also known as the Cape Fear River. I love a nice walk with my dog on the River and he loves it too. One day in partiche waves were coming on the beach and broken by the gray sticky looking stuff that went up and down the beach as far as the eye could see. Well that was a tootal bummer. I did not know at the timemwhat it was...I sent a picture to the news. I never heard back, they probably were not sure what it is either. But I know now what it was. How horrible to see such a sight on a afternoon walk!! Chenours to blame they need to clean up their mess !!!

From: [Jon Hoehn](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Tuesday, March 3, 2020 5:06:11 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Jon Hoehn
3117 Enterprise Dr Apt G2
Wilmington, NC 28405-6472

From: [Linda Voelker](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Tuesday, March 3, 2020 4:36:40 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Linda Voelker
330 Crowell Ln
Salisbury, NC 28146-8856

From: [Jeff Hall](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours must pay for us to have clean water
Date: Tuesday, March 3, 2020 4:35:38 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Chemours must pay for us to have clean water.

That requires that they fully fund 100% reverse osmosis filtration of the drinking water of every home in the affected area that draws from the polluted river. Period. Nothing less is acceptable. Even if the price tag is in the 100's of millions. We pay our water bill every month and then go to the store and buy pure water to drink. This is unacceptable. Get it fixed, or get out of the way of others who will get it fixed.

Very sincerely,

Jeff Hall
Wilmington, NC 28411

From: [Eileen McCorry](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Tuesday, March 3, 2020 3:48:16 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

As a child I learned that if you make a mess, you clean it up thoroughly and completely. Companies should be required to do the same thing, particularly if the mess they make adversely affects health and safety.

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Eileen McCorry
4103 Farrington Post
Pittsboro, NC 27312-5049

From: [connie Raper](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Tuesday, March 3, 2020 2:48:14 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

connie Raper
2614 Woodmont Dr
Durham, NC 27705-2760

From: [Helen Brockett](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Proposed Groundwater Corrective Action Plan
Date: Tuesday, March 3, 2020 9:08:34 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Secretary Michael Regan,

We are affected well owners in the Gray's Creek Community of Cumberland County and live about a mile away from the DuPont/Chemours Plant.

We DO NOT CONCUR with the corrective action plan as written. We think you should consider the fact that DuPont/Chemours has contaminated our well and hold them accountable by offering a permanent solution for not only our well, but for all suffering from the same contamination.

Thank you for your consideration.

Dave & Helen Brockett
6998 Point East Dr
Fayetteville, NC 28306
910-303-2179

From: [Linda Tyndall](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Tuesday, March 3, 2020 8:24:05 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Linda Tyndall
393 Owen Dr
Lumberton, NC 28358-8028

From: [Barbara Gerlach](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Tuesday, March 3, 2020 8:18:57 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Barbara Gerlach
2737 Rosedale Ave
Raleigh, NC 27607-7121

From: [Linda R. Nall](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Monday, March 2, 2020 10:39:53 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Linda R. Nall
409 Ox Creek Rd
Weaverville, NC 28787

From: [Raven Vergara](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Monday, March 2, 2020 9:57:58 PM

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Dear Department of Environmental Quality,

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Raven Vergara
11306 Wescott Hill Dr
Huntersville, NC 28078-0620

From: [Lidia Lucaciu](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Monday, March 2, 2020 5:27:53 PM

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Dear Department of Environmental Quality,

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The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Lidia Lucaciu
2446 27th Avenue Cir NE
Hickory, NC 28601-7238

From: [Mellissa Blankenship](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Monday, March 2, 2020 4:00:12 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Mellissa Blankenship
P O Box 916
Oak Island, NC 28465

From: [Joan Ryder](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Monday, March 2, 2020 2:57:51 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Joan Ryder
5156 exton park loop
Castle hayne, NC 28429

From: [Glenn Rape](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Monday, March 2, 2020 2:18:51 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

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The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Glenn Rape
2921 Aprilia Ln
Monroe, NC 28112-8502

From: [Fred Ehrgott](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Monday, March 2, 2020 1:42:07 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Fred Ehrgott
7164 Bonaventure St SW
Ocean Isle Beach, NC 28469-5441

From: [Lawson Thompson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Monday, March 2, 2020 11:33:09 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Lawson Thompson
1045 Anchors Bend Way
Wilmington, NC 28411-8009

From: [steve.roberts](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours
Date: Monday, March 2, 2020 11:32:37 AM

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Hold Chemours responsible for the costs it has foisted on the taxpayers. Furthermore, PFAS warning should be in every restaurant or place of public consumption of water, paid for by the profit-making Chemours. Public Health risk to the max!

Steve Roberts
Wilmington NC 28401

[Sent from Yahoo Mail for iPad](#)

From: [Rebecca J. Holyfield](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Monday, March 2, 2020 11:00:09 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Rebecca J. Holyfield
658 Precinct Road
Pilot Mountain, NC 27041

From: [Marilyn Bollinger](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Monday, March 2, 2020 9:09:18 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Marilyn Bollinger
26 Forestdale Dr
Asheville, NC 28803-1850

From: [Mary Anne McAlonan](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours
Date: Monday, March 2, 2020 8:03:48 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

I moved to Leland, NC one year ago. Since moving here I have read and investigated what Chemours has been allowed to get away with in their facility upriver.

I am astounded that DEQ is allowing them to not only pollute our rivers, but also get away with paying a minimal amount to correct their actions!!!

I continue to advise friends and family from NY to fully understand the situation downriver before they commit to moving to this community.

I would like to hear back from someone at DEQ that you register my utmost concerns and I would like to know your plan to have Chemours pay the FULL amount to clean our rivers.

Mary Anne McAlonan
Leland, NC

From: [pia51451](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours pollution
Date: Monday, March 2, 2020 7:47:04 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

It is terrible that Chemours is allowed to continue poisoning the people who live in southeast North Carolina. Clean water should be a right, not something that only rich people can afford to buy every week. Please make Chemours clean up their mess and our waters. Do not let them ignore the damage they have done. It will continue to pollute. Thank you.

Pat Walsh

2385 Sugargrove Trail, Leland, NC 28461

Sent from my Verizon, Samsung Galaxy smartphone

From: [Linda Tatsapaugh](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Monday, March 2, 2020 6:48:06 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Linda Tatsapaugh
48 Beech Glen Dr.
Black Mountain, NC 28711

From: [Susan Dameron](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Sunday, March 1, 2020 11:27:09 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Susan Dameron
1245 N Hill Dr
Lincolnton, NC 28092-9656

From: [Maria Salgado](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Sunday, March 1, 2020 8:51:07 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Maria Salgado
2123 Fountain Ridge Rd
Chapel Hill, NC 27517-7925

From: [Becky Sims](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Sunday, March 1, 2020 7:15:07 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Becky Sims
4171 Old Julian Rd
Julian, NC 27283

From: [Kathy Lesko](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours
Date: Sunday, March 1, 2020 7:01:49 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

As a resident of Leland NC, I am not happy with Chemours clean-up plan. The children in my county can't drink from fountains at their school, I pay a water bill every month for polluted water and have to buy gallons of spring water every week to drink and cook with. This is completely unacceptable!

- Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which its proposed plan fails to do.
- The DEQ must ensure that Chemours—not families nearby and downstream communities already burdened by exposure and health risks—pays the costs to clean up its pollution.
- With 45,000 acres of polluted, leaking groundwater, Chemours' plan will not clean up the problem and will leave our communities, drinking water, and the Cape Fear River at risk.

It is time for DEQ and the state of NC to do something about it ... nationwide attention has been brought to this issue do the right thing for the people of NC.

Kathleen Lesko
1103 Spring Glen CT
Leland, NC 28451

From: [MH Freeman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours MUST clean up!!!
Date: Sunday, March 1, 2020 6:22:18 PM

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It is imperative that Chemours clean up and take definitive action against the spread. Their plan fails to adequately address what has already been done to harm the environment and inhabitants. All inhabitants. We must require them to address damage already done as well as preventing future damage. Nothing less is adequate, let alone satisfactory.

MH Freeman

Sent from my iPhone

From: [Michele](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours clean up
Date: Sunday, March 1, 2020 3:52:30 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

I find it incomprehensible to think that Chemours would not be mandated to clean up the mess they have made of our water systems, private and public. The DEQ MUST stand behind the citizenry and demand that Chemours be held to account for the destruction they have created and clean up the mess they have made. The citizens of NC should not be held to pay for a single penny of this effort that they had no part in creating.

Stand for and with the people and against corporate polluters.

Michele Kanatous
Leland, NC

From: [Deborah Oliver](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Sunday, March 1, 2020 3:45:10 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Clean up our environment for your employees, their families, your family and our future!

Deborah Oliver
122 High Oak Ct
Pinnacle, NC 27043-9006

From: [Wayne Berg](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Sunday, March 1, 2020 3:33:08 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Wayne Berg
1028 Back Stretch Blvd
Indian Trail, NC 28079-5753

From: [David Tubergen](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Sunday, March 1, 2020 3:21:53 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

David Tubergen
PO BOX 2971
Morganton, NC 28680-2971

From: [Diana Hales](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Sunday, March 1, 2020 3:18:54 PM

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Dear Department of Environmental Quality,

As an elected official that is asked to protect citizens drinking water, I'm urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens. In Chatham we have numerous sludge fields and that is also a possible source of PFAS from metropolitan wastewater treatment.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Diana Hales
528 Will Be Ln
Siler City, NC 27344-8396

From: [Ricky King](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Sunday, March 1, 2020 3:00:07 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Ricky King
1304 Cozart St Unit 504
Durham, NC 27704-6225

From: [Lauren Krouse](#)
To: [SVC_DENR_publiccomments](#)
Subject: [External] Public comment in regards to Chemours' groundwater plan
Date: Sunday, March 1, 2020 2:16:11 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Hi there,

I am writing to express my concern in regards to Chemours' groundwater plan. Their proposal would leave contaminated groundwater and toxic chemicals at the site and fail in any way to make amends for the harm they have caused to locals and our beautiful Cape Fear River environment over *decades*. We deserve to be paid for all of the damages and complications that Chemours has knowingly and purposely caused our community. To ask that the site is cleaned up in full without cost to the public is the least that we should ask of this corrupt company.

My dear friend recently lost her newborn baby to a birth defect likely connected to the poisoned water she unknowingly drank, bathed in, and washed her food in for years here in Wilmington (she and her family have since relocated). My black lab Forrest developed a rare, incurable skin condition that costs me over \$100 per month to treat -- after swimming in the Cape Fear River weekly for a year. My veterinarian, a long-time Wilmingtonian, has been practicing in the area for decades and had to complete multiple tests, including an expensive skin biopsy, and search through a veterinary textbook to figure out what was causing the oozing ulcers that suddenly appeared all over his face and paws, much like those that have appeared on cows and fish affected by these toxins.

This is, of course, not to mention the amount of money we have spent on gallons of water over the past however many years it has been now. This is, of course, not to mention the harm that has been caused to people who cannot afford to regularly purchase bottled water, and the harm done to those, like me, who cannot afford expensive filters for their shower heads and faucets and so risk further damage by continuing to expose themselves to this water in order to clean themselves on a daily basis. This is, of course, not to mention all of the unknowns numerous Cape Fear residents face as they must wonder: What may come of how *my body and my children's bodies and my loved one's bodies* have been poisoned?

I am disgusted by Chemours' behavior and I know that we are all disgusted by it. To describe what they have done to our community as "wrong" would be an understatement. What they have done to us is nothing short of *violence against humanity and nature*. It should be treated as such in a court of law. The effects that they have caused have yet to be measured in full. From what we know already, though, they have knowingly and purposely committed an unforgivable crime. What's even more sickening is that they have done this to other communities before, and they will continue to do this to other communities after this.

I am thankful to finally be leaving this area as I enter the years in which I will attempt to start a family of my own. I'm sad but not surprised that the lack of speedy progress on this has forced me to leave in the name of my own health, knowing that so many others do not have the privilege to relocate. I hope that my fertility and the health of my children will not be affected. If it is, however, I will know who to blame and who to call.

Sincerely,
Lauren Krouse

Lauren Krouse
910.623.8527

laurenkrouse.com

From: [Victoria Conn](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Sunday, March 1, 2020 2:06:09 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Victoria Conn
210 W Crawford St
Mebane, NC 27302-2418

From: [Ann Green](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Sunday, March 1, 2020 1:51:08 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Ann Green
740 Three Mile Knob Rd
Pisgah Forest, NC 28768-9060

From: [Julia Young](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Sunday, March 1, 2020 1:33:06 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Julia Young
457 Meadow Branch Rd
Pittsboro, NC 27312-7056

From: [John Gerwin](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Sunday, March 1, 2020 12:18:07 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

John Gerwin
1008 Ravenwood Dr
Raleigh, NC 27606-1638

From: [Faith Dixon](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Sunday, March 1, 2020 12:09:53 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Faith Dixon
9 Lena Ln
Asheville, NC 28806-8802

From: [lmole1941](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemour's GenX clean-up plan
Date: Sunday, March 1, 2020 11:12:07 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

TOTALLY INADEQUATE!!
Leonard Mole
Cary, NC

Sent from my Samsung Galaxy smartphone.

From: [Gregg Hudson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Sunday, March 1, 2020 11:09:10 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Gregg Hudson
296 Oscar Hill Rd
Newport, NC 28570-3712

From: [BILLIE BELL](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Sunday, March 1, 2020 10:33:08 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

BILLIE BELL
1200 N 20th St
Morehead City, NC 28557-4410

From: [Debby Hanks](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Sunday, March 1, 2020 8:30:09 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Debby Hanks
1703 Farm Lake Dr
Holly Springs, NC 27540-8805

From: [James Emery](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Sunday, March 1, 2020 7:00:06 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

As citizens of North Carolina, the Department of Environmental Quality is the only recourse we have to hold industry accountable to their pollution that destroys our state's natural resources and harms the health of our citizens.

The plan submitted by Chemours demonstrates that the company continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please protect NC citizens by: 1) making Chemours clean up their pollution, 2) block PFAS in groundwater from discharging into the Cape Fear, and 3) stop burdening families with continued exposure and health risks.

Also, as a taxpayer I should not have to bear the financial burden for their bad business practices and negative externalities. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

James Emery
106 Mary St
Carrboro, NC 27510-1232

From: [A Lawson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Saturday, February 29, 2020 11:51:07 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

A Lawson
2231 E 7th St
Charlotte, NC 28204

From: [Mercedes Garrett](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Saturday, February 29, 2020 10:18:08 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Mercedes Garrett
608 Pine Ridge Dr
Greensboro, NC 27406-6508

From: [Victoria Shockley](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Saturday, February 29, 2020 10:15:08 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Victoria Shockley
1005 Dowling Ct
Leland, NC 28451

From: [Steve Roberts](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Saturday, February 29, 2020 8:33:07 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Steve Roberts
202 S 3rd St Apt 10
Wilmington, NC 28401-4548

From: [Kaaren Stoner](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Saturday, February 29, 2020 8:30:05 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Kaaren Stoner
2225 Coleman Mountain Rd
Waynesville, NC 28785-8424

From: [Judith Zwick](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Saturday, February 29, 2020 4:15:07 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Judith Zwick
3931 Appleton Way
Wilmington, NC 28412

From: [Susan Howell](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Saturday, February 29, 2020 4:09:54 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Susan Howell
513 Plymouth Dr
Greenville, NC 27858-0005

From: [Farshid Bondar](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Saturday, February 29, 2020 3:18:06 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Farshid Bondar
128 Castlewood Dr
Cary, NC 27511-5510

From: [Anja Collette](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Saturday, February 29, 2020 12:21:58 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Anja Collette
1283 Greens Creek Rd
Sylva, NC 28779-7678

From: [Robert Collins, Ph.D.](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Saturday, February 29, 2020 11:18:15 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Robert Collins, Ph.D.
2135 Chambwood Dr
Charlotte, NC 28205-3617

From: m5050ed@yahoo.com
To: SVC_DENR.publiccomments
Subject: [External] Chemours
Date: Saturday, February 29, 2020 11:11:10 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Chemours must be held accountable and forced to clean up what they have polluted. They must be made to stop polluting rivers, streams, creeks and local ground water effecting wells used for drinking water!

Elissa Doty
4914 Connell Drive
Raleigh, NC 27612

[Sent from Yahoo Mail on Android](#)

From: [K Elliott](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Saturday, February 29, 2020 11:00:17 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

K Elliott
PO BOX 4
Macon, NC 27551

From: [Scott Woodson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External]
Date: Saturday, February 29, 2020 10:42:15 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Enough is Enough. Clean up chemours or move out of north carolina.

From: [JANEY MCMILLEN](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Saturday, February 29, 2020 10:27:14 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

JANEY MCMILLEN
806 Knollwood Dr
Apex, NC 27502-1526

From: [Jennifer Barbara](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Saturday, February 29, 2020 10:24:11 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Jennifer Barbara
609 Appomatox Drive
Marvin, NC 28173

From: [Rebecca Barnatt](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Saturday, February 29, 2020 10:15:52 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Rebecca Barnatt
128 Bauman Ct
Graham, NC 27253-8459

From: [Samuel Brewer](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Saturday, February 29, 2020 9:48:26 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Samuel Brewer
1203 Kilmory Dr
Cary, NC 27511-5094

From: [Aaron Keating](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Saturday, February 29, 2020 9:36:22 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Aaron Keating
2133 Goodman Lake Rd
Morganton, NC 28655-7075

From: [Shauna Glaspie](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Saturday, February 29, 2020 9:28:03 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Shauna Glaspie
17 Redstone Ct
Durham, NC 27703-6315

From: [Virginia Holman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours clean up
Date: Saturday, February 29, 2020 9:21:09 AM

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Dear NC DEQ,

It is time for you, the guardians of NC Environmental Quality, to stand up for the rights of the people of North Carolina, who also happen to be your loved ones, neighbors, children, caretakers, food preparers, doctors, nurses, lawyers, etc., and demand that Chemours put human health first. Its proposed plan for cleanup does not do this. If you do not press Chemours for this action and achieve it, it will be a message to the people of this state that DEQ puts corporate profits above the state, its communities, the health of its families, its future economic reputation, and basic human worth. That would be a shameful statement.

DEQ must make Chemours clean up its own mess—and pay for it. This cost is not the state's burden, which is to say it is not the burden of its people. It belongs to Chemours.

The Cape Fear River is at risk from over 45,000 acres of polluted leaking groundwater that threatens our communities and our drinking water.

Do the right thing and stand up for the people of our fine state.

Sincerely,
Virginia Holman

From: [Patricia Burns](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Saturday, February 29, 2020 8:39:49 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Patricia Burns
1015 W Abberley Ln
Apex, NC 27502-8106

From: [Mark Shipman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Saturday, February 29, 2020 7:57:51 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Mark Shipman
4700 Powder Mill Rd
Chapel Hill, NC 27514-9589

From: [Celeste Roberson Smith](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Saturday, February 29, 2020 7:33:54 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Celeste Roberson Smith
211 S 2nd St
Wilmington, NC 28401-4403

From: [Tanya Heinze](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Friday, February 28, 2020 11:51:07 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Tanya Heinze
3919 Old Vineyard Rd
Winston Salem, NC 27104-4733

From: [Timothy Leighton](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, February 28, 2020 11:33:06 PM

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Dear Department of Environmental Quality,

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Timothy Leighton
13115 Indigo Run Ct
Charlotte, NC 28278-0210

From: [Janis Bradish](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, February 28, 2020 9:33:54 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Janis Bradish
7th St
Carolina Beach, NC 28428

From: [Vickie Penninger](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, February 28, 2020 9:09:57 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Vickie Penninger
711 Kimbrough St
Raleigh, NC 27608-2723

From: [Rob Rowe](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Friday, February 28, 2020 8:48:51 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Rob Rowe
105 Spivey Ct
Cary, NC 27513

From: [Linda Schroeder](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Friday, February 28, 2020 8:33:11 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Linda Schroeder
210 Trafalgar Ln
Raleigh, NC 27513

From: [Andrea Li](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, February 28, 2020 8:03:58 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Andrea Li
278 Old Hwy 86 n
yanceyville, NC 27379

From: [Tim Stevenson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, February 28, 2020 8:03:49 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Tim Stevenson
2615 Oak Ridge Rd
Oak Ridge, NC 27310

From: [Lawrence Turk, RN](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours and GenX Comments
Date: Friday, February 28, 2020 7:39:13 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

Stop poisoning us.

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Lawrence Turk, RN
PO BOX 203
Hendersonville, NC 28793-0203

From: [Kristen Rudy](#)
To: [SVC_DENR_publiccomments](#)
Subject: [External] CLEAN WATER
Date: Friday, February 28, 2020 5:59:45 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear DEQ:

Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which its proposed plan fails to do.

Please ensure that Chemours—not families nearby and downstream communities already burdened by exposure and health risks—pays the costs to clean up its pollution.

With 45,000 acres of polluted, leaking groundwater, Chemours' plan will not clean up the problem and will leave our communities, drinking water, and the Cape Fear River at risk.

Please help give us a stable source for clean drinking water. We deserve clean drinking water as a basic human right.

Thank you,
Kristen Rudy

From: [Ted Frazer](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, February 28, 2020 5:57:12 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Ted Frazer
6 Drakesway Ct
Durham, NC 27713

From: [Stephen Carroll](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Friday, February 28, 2020 5:27:06 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Stephen Carroll
1017 Garden Club Way
Leland, NC 28451-9599

From: [Hugh McCammon](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Friday, February 28, 2020 5:06:09 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Hugh McCammon
1644 Lackey Dr
Hickory, NC 28602-9039

From: [Raymond Lee](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, February 28, 2020 5:00:49 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Raymond Lee
160 Chatham Road
Asheville, NC 28804

From: [Rachel Wendel](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, February 28, 2020 4:54:15 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Rachel Wendel
920 Open Field Dr
Garner, NC 27529-7043

From: [Terry Faulkner](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, February 28, 2020 4:40:18 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Terry Faulkner
160 Chatham Rd
Asheville, NC 28804

From: [Toni Taylor](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, February 28, 2020 4:37:42 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Toni Taylor
164 Jacktown Rd
Marion, NC 28752-9260

From: [Stephanie Benson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Friday, February 28, 2020 4:18:11 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Stephanie Benson
6808 Palomino Ridge Ct
Summerfield, NC 27358-9506

From: [Hart Palmer](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Friday, February 28, 2020 3:58:17 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Hart Palmer
4919 Silver Fox Ln
Efland, NC 27243-9508

From: [John Freeze](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, February 28, 2020 3:51:54 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

John Freeze
648 Chaney Road
Asheboro, NC 27205

From: [Vickie Mullins](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, February 28, 2020 3:42:05 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Vickie Mullins
5905 Turnbull Rd
Fayetteville, NC 28312-7547

From: [Joan Wells](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, February 28, 2020 3:21:25 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Joan Wells
1514 St Andrews Dr
Mebane, NC 27302

From: [Betty Tennant](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, February 28, 2020 3:21:21 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Betty Tennant
641 kings trail
Sunset Beach, NC 28468

From: [Nancy Granfortuna](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Friday, February 28, 2020 3:12:18 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Nancy Granfortuna
6502 Lismore Dr
Browns Summit, NC 27214

From: [erin.dougherty](mailto:erin.dougherty@nc.gov)
To: [SVC_DENR_publiccomments](mailto:SVC_DENR_publiccomments@nc.gov)
Subject: [External] Re: Chemours' inadequate plan
Date: Friday, February 28, 2020 3:12:07 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

erin.dougherty
307 Wake Dr
Salisbury, NC 28144-7790

From: [David Robertson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, February 28, 2020 3:10:48 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

David Robertson
4012 6th St NW
Hickory, NC 28601-8042

From: [Lisa Loeffel](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, February 28, 2020 3:00:11 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Lisa Loeffel
7824 Mayfaire Crest Ln Apt 104
Raleigh, NC 27615-4875

From: [Arielle Schechter](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, February 28, 2020 2:57:10 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

PLEASE, make Chemours clean up the massive soil and groundwater contamination it has caused around its facility!!!

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Arielle Schechter
440 Bayberry Dr
Chapel Hill, NC 27517-9122

From: [Adi S](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Friday, February 28, 2020 2:48:10 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Adi S
129 Aurora Dr
Asheville, NC 28805-1798

From: [Janine Tokarczyk](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, February 28, 2020 2:48:10 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Janine Tokarczyk
109 N Oakland Dr
Mebane, NC 27302-3301

From: [al Bynum](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours must be accountable
Date: Friday, February 28, 2020 2:34:27 PM

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- **It is unconscionable for Chemours to be excused from putting the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which the proposed plan fails to do.**
- **You must ensure that Chemours—not families nearby and downstream communities already burdened by exposure and health risks—pays the costs to clean up its pollution.**
- **With 45,000 acres of polluted, leaking groundwater, Chemours' plan will not clean up the problem and will leave our communities, drinking water, and the Cape Fear River at risk.**

From: [David Curtis](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Friday, February 28, 2020 2:18:57 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

David Curtis
10 Southwicke Ct
Arden, NC 28704-9433

From: [Jeffryn Stephens](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, February 28, 2020 2:09:15 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Jeffryn Stephens
1114 Burch Ave
Durham, NC 27701-2819

From: [Della Mol](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, February 28, 2020 1:54:15 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Della Mol
503 Charleston Pl
Fayetteville, NC 28303-5229

From: [Robert Wallen](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, February 28, 2020 1:24:07 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Robert Wallen
302 Jeb Stuart Dr
Wilmington, NC 28412-6608

From: [Melissa Beaver](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Friday, February 28, 2020 1:15:23 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Melissa Beaver
3825 Cherry Grove Drive
Hickory, NC 28602-9785

From: [liz gallagher](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Friday, February 28, 2020 1:15:12 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

My children when to college there and played sports drinking a ton of water for 7 years!! I sincerely hope that they do not suffer horrible diseases because of this. You have a responsibility to make this right and SHOW AN EXAMPLE Of what AN ETHICAL COMPANY DOES so that others follow. BE THE LEADER!

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

liz gallagher
8309 Clear Brook Drive
Raleigh, NC 27615

From: [Dan Caryll](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External]
Date: Friday, February 28, 2020 12:48:43 PM

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DEQ, Please insure that Chemours pay the cost to clean up their pollution and not burden the communities for this.

Sincerely Daniel Caryll

From: [Tracy Huley](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, February 28, 2020 12:16:00 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Tracy Huley
204 Pollock St
Beaufort, NC 28516-2245

From: [Lane Peeler](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, February 28, 2020 11:48:32 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Lane Peeler
48188 Wesley Chapel Road
Misenheimer, NC 28109

From: [Timothy Birthisel](#)
To: [SVC_DENR_publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan on PFA's, PFOA's and related pollutants
Date: Friday, February 28, 2020 11:48:22 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I have been unfavorably impressed with much of NC's environmental policies, that run parallel to our federal government's negligent standards and practices. Those who advise neglect of nature stand on the wrong side of history, and this issue is a great case in point: the current proposal before NCDEQ's doesn't make the cut.

The persistence and chronic toxicity issues posed by DuPont's chemistry, the failed attempt to hide behind the shell Nemours, plus the negligent regulatory vacuum from USEPA, represent a doomed business platform. The investor markets are apparently wiser than our governments, as the declining market values of these companies and their bearish outlook attests, even against the background of a historic bull market. Our state government should take note, and realize those responsible for protecting people and nature are as culpable as the primary perpetrators, by standing by in inaction against environmental crime.

The community needs a complete cleanup of this mess, and it is DuPont's and Chemours' responsibility to provide it. Failure to ensure our environmental quality will bury the people who allow it to join the extractive corporate "citizens" in the trash can of history. Hiding behind a flawed 'letter of law' will not disguise their failures in the coming years.

Timothy Birthisel
19 Sourwood Ln
Asheville, NC 28805

From: [Sylvan Copelof](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Friday, February 28, 2020 11:18:20 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Sylvan Copelof
100 Park Ave
Brevard, NC 28712-3536

From: [Paula Stober](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours cleanup
Date: Friday, February 28, 2020 11:16:15 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

You must require Chemours to be responsible for the cleanup of the water they polluted. It is only right to do so

Paula Stober
Greensboro, NC

Sent from [Mail](#) for Windows 10

From: [Barbara Barcomb](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, February 28, 2020 11:06:07 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Barbara Barcomb
311 Virginia Street SW
Lenoir, NC 28645

From: [Lynn Garwood](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] DEQ- please make Chemours clean up our water/ Brunswick county
Date: Friday, February 28, 2020 10:41:00 AM

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DEQ-

I am a life long citizen of NC and love our state including the coast, outer banks, crystal coast. Consequently I just bought a house on Oak Island- Brunswick county.

I cannot believe what I have learned about Chemours making our water supply dangerous- this is awful! Please hold them accountable for cleaning up the water they polluted/ damaged.

Brunswick county is building new facilities treat our water- Chemours should pay for it.

I've owned houses throughout the state and on Oak Island my county bill is 75\$ whether I use water/sewer or not- half of which is water approximately 37\$. I cannot imagine the cost to taxpayers if we have to pay to clean up Chemours mess.

Please hold them accountable and allow us the citizens of BC to continue to love our coast/ enjoy our water.
Thank you

Thank you
S Lynn Garwood
336-225-1889

From: [Alice Stack](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, February 28, 2020 10:36:17 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Alice Stack
5721 Fox Chase Dr
Winston Salem, NC 27105-3085


February 21, 2020

Kenneth & Patricia Cannon
6972 Point East Drive
Fayetteville, NC 28306
(910) 483-2643
kcann9@aol.com

SUBJECT: Public Comment to the proposed Groundwater Corrective Action Plan

1. I do not concur with the proposed Corrective Action Plan (CAP). I feel that the Secretary of DEQ has compromised his integrity to satisfy Chemours and Dupont executives. The solution proposed is nothing more than a bandaid fix and a total disregard for the laws established and approved by the state of NC.
2. Installation of Reverse Osmosis (RO) machines underneath sinks does not correct the water used for bathing. My water has not been retested since installation of RO machines. Am I to assume the systems are limiting my exposures? Am I to assume the Secretary of DEQ knows the various ways chemicals can be introduced into your body? Am I to believe that you cannot absorb chemicals through a cut, through open areas of your body, or even through your eye sockets? Has anyone conducted medical research on vegetables grown in a garden or even particles in the air? Does the Secretary know how many times the alarm goes off at the Chemours plant in a weeks time? The answer is NO.
3. I did not write the laws for Groundwater contamination but my well was contaminated and a well within 200 feet of mine was also contaminated. No one from DEQ ever discussed surrounding property contamination although it is written in laws of NC.
4. **BOTTOM LINE: I DO NOT CONCUR WITH THE CORRECTIVE ACTION PLAN PROPOSED. CHEMOURS/DUPONT NEEDS TO PROVIDE A PERMANENT SOLUTION NOT A BANDAID SOLUTION.**

vr,



Kenneth & Patricia Cannon

FEB 28 2020

Regional Operations Center

Marshall Cannon
6972 Point East Dr.
Fayetteville, NC 28306

27699-1601
27699-1601



FOREVER / USA

Department of Environmental Quality
1601 Mail Service Center
Raleigh, NC 27699-1601

ATTN: Brewster GAD

27699-1601 27699-1601

From: [Elizabeth Whitt](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, February 28, 2020 10:18:53 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Elizabeth Whitt
1116 Scaleybark Rd Apt 116B
Charlotte, NC 28209-4509

From: [Sherri White-Williamson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Friday, February 28, 2020 10:09:06 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Sherri White-Williamson
528 McKoy St
Clinton, NC 28328-2517

From: [Ginny Nolan](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Friday, February 28, 2020 9:42:56 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Ginny Nolan
3204 S Memorial Ave
Nags Head, NC 27959-9362

From: [Judy Husketh](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, February 28, 2020 9:36:58 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Judy Husketh
1630 Allens Ln
Wilmington, NC 28403-3672

From: [Anne Brashear](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, February 28, 2020 9:09:52 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Anne Brashear
1606 Ferrell Rd
Chapel Hill, NC 27517-2315

From: [Deborah Hankins](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, February 28, 2020 9:03:14 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Deborah Hankins
206 Heritage Park Drive
Wilmington, NC 28401

From: [Helen Gray](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Friday, February 28, 2020 9:00:21 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Helen Gray
1020 W Peace St Apt U8
Raleigh, NC 27605-1430

From: [Tacye Lang](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Friday, February 28, 2020 8:45:17 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Tacye Lang
6406 Rosny Rd
Raleigh, NC 27613-3111

From: [Julie Gros](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, February 28, 2020 8:45:15 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Julie Gros
63 Macon Ave
Asheville, NC 28801-1522

From: [Frances Kelly](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, February 28, 2020 8:42:56 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Frances Kelly
1965 Riverside Dr
Asheville, NC 28804-2051

From: [Stephen Weissman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours cleanup
Date: Friday, February 28, 2020 8:40:49 AM

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Dear Sirs/Mesdames

This is a public comment about the proposed plan to clean up Chemours water pollution. I think that the plan does not guarantee that the company, not citizens, pay for the costs of cleanup. Furthermore, the proposed plan does not contain provisions for the cleanup of groundwater, which is important for drinking water supplies and for the cleanliness of the Cape Fear River.

Thank you for recording these comments.
Stephen Weissman
Buncombe County, NC

From: [Jacquelyn Hough](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, February 28, 2020 8:39:56 AM

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Dear Department of Environmental Quality,

Please - once and for all - make Chemours halt the discharge of all PFAS into the Cape Fear River and clean up the mess they've already made! The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. THERE IS NO SAFE LEVEL.

Act now to protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Jacquelyn Hough
305 Andrews Rd
Red Springs, NC 28377

From: [Tom Riggins](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours
Date: Friday, February 28, 2020 8:18:45 AM

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This company is responsible for polluting our waterways and I believe they should pay to help clean them.

--

Regards , Tom Riggins

From: [Doug Morris](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, February 28, 2020 8:03:13 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Doug Morris
324 Tern Ct
Kill Devil Hills, NC 27948-9217

From: [DD](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemour
Date: Friday, February 28, 2020 7:49:32 AM

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The DEQ must force Chemour to clean up it's contribution to toxic groundwater in North Carolina. Clean toxic free water should be a citizens right that overpowers corporate greed.

A concerned North Carolinian.

Sent from my iPad

From: [Bridget J Dunford](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Friday, February 28, 2020 7:45:11 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Bridget J Dunford
525 Patton Valley Dr
Nebo, NC 28761-7710

From: [Mike Stimpson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Friday, February 28, 2020 7:39:10 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Mike Stimpson
7312 Finn Hall Ave
Charlotte, NC 28216-9602

From: [Anne RICHARDSON](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, February 28, 2020 7:19:01 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Anne RICHARDSON
10000 Amazona Dr
Huntersville, NC 28078-8406

From: [Julia Hartman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, February 28, 2020 7:19:00 AM

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Dear Department of Environmental Quality,

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Julia Hartman
70 Dalmatian Trl
Alexander, NC 28701-9210

From: [Cheryl Jenkins](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, February 28, 2020 7:07:05 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Cheryl Jenkins
5802 Anne Dr
Wilmington, NC 28403

From: [Raymond Occhipinti](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, February 28, 2020 6:57:53 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Raymond Occhipinti
265 Brooklyn Rd
Asheville, NC 28803

From: [Anne Pistacchio](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Friday, February 28, 2020 6:52:51 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Anne Pistacchio
1813 Bodwin Ln
Apex, NC 27502-6522

From: [cheryl hustvedt](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Friday, February 28, 2020 6:48:06 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

cheryl hustvedt
2710 Stuart Dr
Durham, NC 27707

From: [Marie Coler](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, February 28, 2020 6:45:05 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Marie Coler
651 Par Dr
Jacksonville, NC 28540-9366

From: [J. Robin Hall](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, February 28, 2020 6:24:15 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

J. Robin Hall
539 Bayshore Drive SE
Bolivia, NC 28422

From: [Melissa Maynard](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, February 28, 2020 6:21:15 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Melissa Maynard
925 Brintonial Way
Winston Salem, NC 27104

From: [Mary Pelosi Ejlali](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, February 28, 2020 6:15:07 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Mary Pelosi Ejlali
12329 Old Falls of Neuse Rd
Wake Forest, NC 27587-9215

From: [Bill Snuggs](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Friday, February 28, 2020 6:00:52 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Bill Snuggs
3626 Sunchase Dr
Fayetteville, NC 28306-8092

From: [Chanda Farley](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Friday, February 28, 2020 5:57:07 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Chanda Farley
117 Ford St
Canton, NC 28716

From: [Cary James](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, February 28, 2020 5:54:07 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Cary James
4348 Frying Pan Rd SE
Southport, NC 28461-6303

From: [ISABEL CERVERA](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, February 28, 2020 4:54:50 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

ISABEL CERVERA
2118 s main st
Salisbury Rowan County, NC 28147

From: gilchristab1@yahoo.com
To: [SVC_DENR.publiccomments](#)
Subject: [External] Demand Chemours to clean up our water!!!
Date: Friday, February 28, 2020 4:52:27 AM

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Please make Chemours be accountable for destroying our precious water and make them fix what they have caused! It's the right thing to do! Please make our water clean and healthy for plants, animals and HUMANS!

Ann Gilchrist - concerned citizen

- **45,000 acres of polluted, leaking groundwater, Chemours' plan will not clean up the problem and will leave our communities, drinking water, and the Cape Fear River at risk.**

Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which its proposed plan fails to do.

Chemours—not families nearby and downstream communities already burdened by exposure and health risks—pays the costs to clean up its pollution.

From: [Abbygale Huffman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, February 28, 2020 3:09:54 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Abbygale Huffman
2506 22nd St NE
Hickory, NC 28601-7928

From: [Andreas Batz](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, February 28, 2020 3:03:17 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Andreas Batz
1007 Manchester Dr
Cary, NC 27511-4808

From: [Camryn Pate](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Friday, February 28, 2020 1:36:14 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Camryn Pate
2567 Hunter Rd
Clinton, NC 28328-5929

From: [Ann Arader](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Friday, February 28, 2020 1:06:20 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River.

American companies need to respect our laws! - If they do not...they need to be charged the cost of having their pollution professionally cleaned up, and the state needs to VERIFY that the cleanup is sufficient, or heavy fines should occur.

PLEASE protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

THANK YOU!

Ann Arader
101 NE 26th st
Oak Island, NC 28465

From: [Charles Cantrell](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, February 28, 2020 12:42:07 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Charles Cantrell
186 Brittany Place Dr Apt B
Hendersonville, NC 28792-7176

From: [Barbara Benson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Friday, February 28, 2020 12:27:08 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Barbara Benson
104 Deerfield Ct
Cedar Point, NC 28584-8047

From: [Sheila Gasquet](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Friday, February 28, 2020 12:09:09 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Sheila Gasquet
613 Red Cross St
Wilmington, NC 28401-3556

From: [Barb Benson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours must clean up its GenX pollution as it is required to do under state law and a consent order with the state and Cape Fear River Watch.
Date: Thursday, February 27, 2020 11:46:37 PM

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- **Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which its proposed plan fails to do.**
- **DEQ must ensure that Chemours—not families nearby and downstream communities already burdened by exposure and health risks—pays the costs to clean up its pollution.**
- **Let DEQ know that, with 45,000 acres of polluted, leaking groundwater, Chemours' plan will not clean up the problem and will leave our communities, drinking water, and the Cape Fear River at risk.**

Thank you,

Barbara Benson



This email has been checked for viruses by Avast antivirus software.
www.avast.com

From: [Michael Harris](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:36:07 PM

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Dear Department of Environmental Quality,

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Michael Harris
1431 Waterlily Lane
Charlotte, NC 28262

From: [Frances McHugh](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:12:08 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Frances McHugh
6501 Red Bay Ct
Wilmington, NC 28405-7761

From: [Ronald Artz](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 10:57:20 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Ronald Artz
314 Westview St
Kannapolis, NC 28081-2453

From: [Marie Montemurro](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 10:24:06 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Marie Montemurro
8708 Lincolnshire Ln
Wilmington, NC 28411

From: [Frank Stroupe](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 10:21:14 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Frank Stroupe
329 Raintree Dr
Matthews, NC 28104-7319

From: [Tracy Feldman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 10:18:08 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Tracy Feldman
5306 Pelham Rd
Durham, NC 27713-2532

From: [Paul Fallon](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 10:09:28 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Paul Fallon
1712 Old Fort Rd
Greenville, NC 27834-9374

From: [Jane Ann Hughes](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 9:54:21 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Jane Ann Hughes
7760 Netherlands Dr
Raleigh, NC 27606

From: [Karen Kaser-Odor](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 9:54:19 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Karen Kaser-Odor
278 Fryling Ave SW # 26
Concord, NC 28025-5776

From: [Elaine Herring](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 9:48:15 PM

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Dear Department of Environmental Quality,

It so important fir the polluters to clean up the mess they have made and it shouldn't be put upon the backs of citizens and tax payers to clean these massive pollutants. The companies have reaped the benefits of their negligence and wish to shift the burden.....this can't keep happening in our neighborhoods or our state!!!

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Elaine Herring
60 Byrum Rd
Gates, NC 27937

From: [Bill Staton, MBA, CFA](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 9:42:18 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Bill Staton, MBA, CFA
2431 Hartmill Ct
Charlotte, NC 28226-6463

From: [Jessica Dennis](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 9:27:24 PM

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Dear Department of Environmental Quality,

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Jessica Dennis
291 Confederate Dr.
Seagrove, NC 27371

From: [Frank Moore](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 9:25:35 PM

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Dear Department of Environmental Quality,

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Frank Moore
3301 Carolina Lily St
Cary, NC 27519-6710

From: [Brayton Willis](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours public comment
Date: Thursday, February 27, 2020 9:22:52 PM

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We who live and work here in Lower Cape Fear River region have a very serious problem going on right now with Chemours et al contamination in our Cape Fear River water supply. The contamination is so bad that our utilities have had to design, construct and will have to operate and maintain extremely expensive water treatment facilities to rid these contaminants from our precious drinking water. This is blatant environmental injustice at the expense of those that are less fortunate.... those that live at or below the federal poverty line. . . those that cannot stand the stresses of undue, unwarranted financial burdens. This is beyond criminal. We should absolutely not have to pay to clean up the pollution caused by our neighbors upstream of us. This is the tragic legacy of the failures of our NPDES program, criminal polluters and inept politicians who rewrite our clean water laws to suit their lobbyist's profit margins.

Brayton Willis
Acting Chairman, Environmental and Climate Justice Committee
Brunswick County Branch NAACP

From: [Dianne Miller](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 9:06:07 PM

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Dear Department of Environmental Quality,

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The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Dianne Miller
910 Woodbrook Pl NE
Concord, NC 28025

From: [Adam Matar](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 9:03:07 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Adam Matar
183 Brucemont Cir
Asheville, NC 28806-3442

From: [Elton Glenn](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Clean water
Date: Thursday, February 27, 2020 9:00:59 PM

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We all cherish clean water free from any cancer causing substances, therefore I as a resident of the Cape Fear Watershed demand that you do everything in your power to clean up any and all cancerous materials in the Cape Fear Watershed with out charging we citizens for the clean up, since you created the problem.

Sent from my iPhone

From: [Susan Chandler](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 8:57:19 PM

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Dear Department of Environmental Quality,

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The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Susan Chandler
217 Longwood Drive
Chapel Hill, NC 27514

From: [Iris Carman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 8:57:17 PM

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Dear Department of Environmental Quality,

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Iris Carman
327 Lakewood Dr
Wilkesboro, NC 28697-8459

From: [Cheryl Vecellio](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 8:55:02 PM

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Dear Department of Environmental Quality,

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Cheryl Vecellio
103 Deerlake Dr
Asheville, NC 28803

From: [Tiffany Horton](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 8:48:20 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Tiffany Horton
1014 Davidson Ave NE
Leland, NC 28451-8310

From: [Angela Vieth](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 8:48:10 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Angela Vieth
3009 Bexley Ave
Durham, NC 27707-2843

From: [M Woolley](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 8:43:03 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

M Woolley
22 College St
Asheville, NC 28801-2803

From: [Carol Ann Minor](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 8:43:02 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

I personally know of a family where both the father and mother have different forms cancer because of pollution and poisons in their drinking water over many years!

Carol Ann Minor
10372 Singletree Ln
Davidson, NC 28036-7751

From: [FRED MARTINIV](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 8:39:25 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

FRED MARTINIV
1016 W 1st St
Charlotte, NC 28202-1031

From: [Joseph Fudge](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 8:39:20 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

I also believe that Chemours should pay for a water treatment plant to process the polluted water which we rely on since the plant that we currently have cannot properly process the water.

Joseph Fudge
3826 Lemon Drop Ln
Leland, NC 28451-4802

From: [Barbara Dornbush](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 8:39:15 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Barbara Dornbush
41 Fox Falls Lane
Highlands, NC 28741

From: [Julie Shoemaker](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 8:33:53 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Julie Shoemaker
1569 Folly Rd
Hendersonville, NC 28739-2544

From: [Brace Boone](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 8:33:53 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Brace Boone
408 Elm St
Raleigh, NC 27604-1932

From: [Doug Wingeier](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 8:31:09 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Doug Wingeier
266 Merrimon Avenue
Asheville, NC 28801

From: [Sally Ferrell](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours
Date: Thursday, February 27, 2020 8:26:37 PM

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Feb 27 2020

**Chemours must clean up its GenX pollution as it is required to do under state law and a consent order with the state and Cape Fear River Watch.
Chemours must pay the costs to clean up its pollution —not families nearby and downstream communities already burdened by exposure and health risks.**

**Thank you
Sally Ferrell
647 Boone Gap Rd
Boomer NC 28606**

From: [Mark Vaughan](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 8:16:07 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Mark Vaughan
3616 Pine Bark Ct
Fayetteville, NC 28306-7457

From: [b.g. cooke](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 8:16:05 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, because they caused the polluted soil and water.

B Cooke

b.g. cooke
79 N Green Tree Trl
Chapel Hill, NC 27516-0308

From: [Marla West](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours
Date: Thursday, February 27, 2020 8:13:23 PM

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Chemours needs to clean up its pollution.
Sent from my iPad

From: [Tammy Carter](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 8:04:09 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Tammy Carter
313 Southern Blvd
Wilmington, NC 28401-7123

From: [Wilfred Robin](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 7:57:12 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Wilfred Robin
549 11th Ave., Cir., NW
Hickory, NC 28601

From: [Susan Mack](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 7:55:36 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its interests above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan for dealing with their pollution is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Susan Mack
13 Dover Ln
Hendersonville, NC 28739-7003

From: [Lesia Mills](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 7:45:55 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Lesia Mills
PO Box 1183
Clayton, NC 27528-1183

From: [Jaclyn Ramos](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 7:39:29 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Jaclyn Ramos
142 Independence Dr
Raeford, NC 28376-5986

From: [Charles Weil PhD PG](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 7:33:27 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Charles Weil PhD PG
4125 Farrington Rd
Durham, NC 27707-5268

From: [Susan Ricker](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 7:27:39 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Susan Ricker
135 Montclair Cir
Durham, NC 27713-2516

From: [Sara Briggs](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 7:27:36 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Sara Briggs
2 Tree Top Dr
Arden, NC 28704-3003

From: [Mark Lawson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 7:18:59 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Mark Lawson
5325 Sullivantown Rd
Walkertown, NC 27051

From: [Jackie Buffalo](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 7:09:14 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Jackie Buffalo
200 N. Virginia Ave. Unit A
Fayetteville, NC 28305

From: [Stephanie Rogers](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 7:00:40 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Stephanie Rogers
1008 Starfield Circle
Hillsborough, NC 27278

From: [Grace Johnson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 6:57:37 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Grace Johnson
7921 Babe Stillwell Farm Rd
Huntersville, NC 28078-8719

From: [DOROTHEA MAYHEW](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 6:57:29 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

DOROTHEA MAYHEW
8 COURT 1 NORTHWEST DRIVE
CAROLINA SHORES, NC 28467

From: [John Davis](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 6:51:37 PM

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Dear Department of Environmental Quality,

I am writing to urge the NC Department of Environmental Quality to force Chemours to halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cut off their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River. Do not sacrifice our health to the short-term profits of one company.

John Davis
610 Bellemeade St
Greensboro, NC 27401-1903

From: [James Coley](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 6:51:33 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

James Coley
187 Concho Mtn
Cullowhee, NC 28723-8561

From: [Jude Maglione](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 6:49:05 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Jude Maglione
10 Moreview Dr
Asheville, NC 28803

From: [Lori Cooke](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 6:43:08 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Lori Cooke
41 Richmond Dr
Archer Lodge, NC 27527-7678

From: [John & Linetta Moore](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 6:37:24 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

John & Linetta Moore
5213 Ryegrass Ct
Raleigh, NC 27610-2171

From: [Elizabeth Andrews](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 6:30:04 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Elizabeth Andrews
23 Hawks Spiral Way
Pittsboro, NC 27312-8540

From: [Melissa Hastings](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 6:21:55 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Melissa Hastings
515 Tom Mann Rd
Newport, NC 28570-8846

From: [Cindy Taylor](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 6:21:24 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Cindy Taylor
1315 Beechgrove Ln
Chapel Hill, NC 27516-5398

From: [Marla Wicker](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 6:15:33 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Marla Wicker
1410 Habersham Dr
Fayetteville, NC 28304-3523

From: [Kimberly Nelson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 6:09:50 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Kimberly Nelson
501 Commonwealth Dr
Winston Salem, NC 27104-2514

From: [Zola Packman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 6:06:17 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Zola Packman
1011 Nicholwood Dr
Raleigh, NC 27605-3239

From: [Bonnie Derr](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 5:57:27 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Bonnie Derr
3927 Kelly Dr
Durham, NC 27707-5324

From: [Susan Skoda](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 5:51:54 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm appaled to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their ENTIRE pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Susan Skoda
7727 Monarch Dr
Wilmington, NC 28411-8710

From: [Elizabeth Howard](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 5:51:24 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I have relatives and friends that live in Fayetteville. I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Elizabeth Howard
132 Red Dog Dr
Mooresville, NC 28115-8843

From: [Rene Gouverneur](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 5:49:22 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Rene Gouverneur
220 N 22nd St
Wilmington, NC 28405

From: [Catherine Carter](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 5:49:15 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to require Chemours to halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities, and at this point, residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cease adding to this pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Catherine Carter
241 Oak Forest Drive
Cullowhee, NC 28723

From: [Richard Hardison](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 5:48:53 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Richard Hardison
1940 V O a Site C Rd
Greenville, NC 27834-4726

From: [Janet Fortner](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 5:48:44 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Janet Fortner
10505 Kerns Rd
Huntersville, NC 28078

From: [Ann Collins](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 5:46:28 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm EXTREMELY disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

WHAT IS THE DELAY????

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Ann Collins
188 Murray Hill Road Apt A
Southern Pines, NC 28387

From: [Christi Dillon](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 5:45:36 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Christi Dillon
175 Forest Ridge Rd
Mooresville, NC 28117-6519

From: [margot clark](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 5:42:47 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

margot clark
142 lee st
holly ridge, NC 28445

From: [Jeannie Danford](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 5:33:35 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Jeannie Danford
405 Cross Creek Dr
Rutherfordton, NC 28139-7891

From: [Vicky Brandt](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 5:31:00 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Vicky Brandt
3318 Coachmans Way
Durham, NC 27705-6027

From: [Janet Hood](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 5:30:07 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Janet Hood
210 Sunnyside Dr
Washington, NC 27889-9225

From: [Thomas Atherton](#)
To: [SVC_DENR_publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 5:24:31 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Thomas Atherton
32 Spears Ave
Asheville, NC 28801-1214

From: [Brian Slosek](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 5:22:05 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Brian Slosek
1108 Carroll Aly
Durham, NC 27701-3029

From: [Wes Weaver](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 5:22:04 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Wes Weaver
342 Dogwood Knl
Boone, NC 28607-8134

From: [Hazel Rogers](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 5:21:13 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Hazel Rogers
PO Box 99
Rocky Point, NC 28457-0099

From: [James Yancey](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 5:19:08 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

James Yancey
104 Dewitt Ct
Cary, NC 27513-5621

From: [Harry Petrequin](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 5:15:37 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Harry Petrequin
100 Poplar St
Black Mountain, NC 28711-2817

From: [kandace williams](#)
To: [SVC_DENR_publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 5:12:59 PM

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Dear Department of Environmental Quality,

Dear DEQ,

I attended the hearings in Fayetteville last year. After spilling chemicals in our rivers for 40 years and knowingly leading citizens to harm, please demand that Chemours/DuPont do the right thing.

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Sincerely,
Dr. Kandace Williams

kandace williams
1122 E Dolphin Dr
Oak Island, NC 28465

From: [Eileen Klitsch](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 5:12:49 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Eileen Klitsch
119 SW 23rd St
Oak Island, NC 28465-7410

From: [Glen Cotten](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 5:00:43 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water, and the DEQ to require Chemours to do a full cleanup of soil and groundwater contamination! Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Glen Cotten
100 Village Circle Way Apt 922
Durham, NC 27713-6137

From: [Christine Chaplik](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 5:00:39 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Christine Chaplik
7974 Garrett Rd
Liberty, NC 27298-8656

From: [Dwight Willis](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 5:00:16 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Dwight Willis
140 Carolina Ave
Holden Beach, NC 28462

From: [Elizabeth Mundell](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 4:58:49 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Elizabeth Mundell
1609 Dressage Ct
Raleigh, NC 27613-7137

From: [D. Bullock](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 4:58:24 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

D. Bullock
1007 Surry Dr
Greensboro, NC 27408

From: [Hunter Spitzer](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 4:52:10 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Hunter Spitzer
3106 Prophet Dr
Hillsborough, NC 27278-7821

From: [Joseph Carrier](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 4:51:46 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Joseph Carrier
3779 Bat Cave Rd
Old Fort, NC 28762-6661

From: [Peter Lourekas](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 4:49:17 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Peter Lourekas
PO Box 18738
Asheville, NC 28814-0738

From: [Pam Watkins](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 4:49:16 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Pam Watkins
926 W Markham Ave
Durham, NC 27701-1514

From: [Leslie Stewart](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 4:49:07 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Leslie Stewart
414 Dark Forest Dr
Chapel Hill, NC 27516-3708

From: [Becky Brookshire](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 4:49:06 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Becky Brookshire
3187 Anderson Branch Rd
Marshall, NC 28753-6300

From: [Robert Phipps](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 4:45:41 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Robert Phipps
3991 Rising Hills Dr
Lenoir, NC 28645-8430

From: [Ellen Cohen](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 4:43:00 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Ellen Cohen
363 Fearrington Post
Pittsboro, NC 27312-8517

From: [Jackie Franklin](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 4:33:47 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Jackie Franklin
11504 Hyde Place
Raleigh, NC 27614

From: [Daniel Morris](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' Inadequate Plan
Date: Thursday, February 27, 2020 4:27:10 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

What Chemours did is illegal. They should be held 100% accountable for their actions.

Daniel Morris
1712 Mirabeau Ct
High Point, NC 27265-1381

From: [Donna Enright](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 4:24:27 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Donna Enright
108 Longwood Dr
Chapel Hill, NC 27514-9579

From: [ANDREW Marhevsky](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 4:22:35 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

ANDREW Marhevsky
5017 Dockside Dr
Wilmington, NC 28409-3722

From: [robert brown](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 4:22:24 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

robert brown
333 Chinaberry Ln
Angier, NC 27501-8470

From: [Joyce Dye](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 4:21:57 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Joyce Dye
10 Rivoli Blvd
Hendersonville, NC 28739-7052

From: [Judith and John Pilutti](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 4:15:56 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Judith and John Pilutti
7629 Trowbridge Ct
Raleigh, NC 27613-1626

From: [Brenda Williamson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 4:15:14 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Brenda Williamson
2114A Englewood St Apt A
Kannapolis, NC 28083-3029

From: [Sophie Tagliatela](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 4:13:58 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities including my home of Carolina Beach and Wilmington NC where my 2 year old grandson lives. We paid to have a Reverse Osmosis System put into our daughter's home so the baby wouldn't have to drink PFAS! Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Sophie Tagliatela
136 Sugarloaf Ct
Carolina Beach, NC 28428-3832

From: [Cameron Easton](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 4:12:37 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Cameron Easton
610 Murray Hill Road
Fayetteville, NC 28303

From: [Kathy Lehmkuhler](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 4:10:12 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Kathy Lehmkuhler
42194 Park Dr
Avon, NC 27915-1324

From: [Rebecca Dresser](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 4:09:54 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Rebecca Dresser
PO Box 316
Danbury, NC 27016-0316

From: [Lora Hale Howard-Thackrah](#)
To: [SVC_DENR_publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 4:09:48 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Lora Hale Howard-Thackrah
313 Donald E Gore Dr
Wilmington, NC 28412-7111

From: [D.Rosengrant](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 4:01:58 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

D Rosengrant
385 Purple Finch Rd
Brevard, NC 28712-5087

From: [Adrian Smith](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 4:00:44 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Adrian Smith
PO Box 265 (110 Jones St)
Moncure, NC 27559

From: [Sally Wilkinson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 3:57:17 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Sally Wilkinson
934 Jones Wynd
Wake Forest, NC 27587

From: [George Whittemore](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 3:53:55 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

George Whittemore
1116 E Gilbreath St
Graham, NC 27253-4210

From: [Barry Rosett](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 3:52:50 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Barry Rosett
2419 Tiltonshire Ln
Apex, NC 27539-7499

From: [Cynthia Dunn](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 3:50:15 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Cynthia Dunn
2411 Wynbrook Square Ct
Winston Salem, NC 27103-8002

From: [April Goral](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 3:49:34 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

April Goral
5364 New Centre Dr
Wilmington, NC 28403-1788

From: [Barbara Whipple](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 3:48:32 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

My personal message to you is that your unrelenting pollution and disregard for people, animals and the environment is a crime against all of us. I already am a two time Stage 3 cancer survivor, and I will do whatever I can to STOP Chemours from polluting and to totally CLEAN UP their pollution. In addition, I believe Chemours needs to be HEAVILY FINED, and their corporate officers imprisoned for their crimes. I would like a written response from Chemours regarding this issue, and when and what their plans are to correct and mitigate this chronic abuse of people, animals and the environment.

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Barbara Whipple
1 Laurel Branch Dr
Black Mountain, NC 28711-7712

From: [Glenn Tetterton](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 3:46:13 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

I cannot tell you how beyond anger I am that we drank this water for 40+ years and brought up our daughter on it. We filtered it, but that was so inadequate. Now that my health is failing, I would like to see some environmental healing and justice before I die.

Glenn Tetterton
319 S 5th Ave
Wilmington, NC 28401-4518

From: [Phyllis Frisbey](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 3:42:07 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Phyllis Frisbey
1354 Settawig Rd
Brasstown, NC 28902-8741

From: [Ilya Chozin](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 3:39:30 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Ilya Chozin
42112 Compton Ct.
Indian Trail, NC 28079

From: [Julia Martinelli](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 3:37:28 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Julia Martinelli
8918 Landing Dr SW
Sunset Beach, NC 28468-4628

From: [Patricia Kelley](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 3:31:40 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Patricia Kelley
1228 N Sleepy Oak Ln
Leland, NC 28451-6043

From: [Susan Warner](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 3:31:39 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Susan Warner
10351 Crestgate Ter
Raleigh, NC 27617-1809

From: [Scott Ferguson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 3:31:38 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Scott Ferguson
2043 Meadow Ln
Graham, NC 27253

From: [Britton Perko](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 3:31:12 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Britton Perko
132 Cliff Rd
Wilmington, NC 28403-2006

From: [Elsa Desrochers](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 3:30:53 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Elsa Desrochers
599 Blackbeard's View
Bath, NC 27808

From: [Betty Ann Winters](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 3:30:16 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Betty Ann Winters
311 Winding Creek Dr
Morganton, NC 28655-6570

From: [Howard hobson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 3:27:46 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Howard hobson
1942 US Highway 158 E
Yanceyville, NC 27379-9338

From: [Bill Spencer](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 3:27:43 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Bill Spencer
674 Pressley Creek Rd
Cullowhee, NC 28723-9545

From: [Duane Usa](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 3:27:07 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Duane Usa
111 Bimini Ct
Havelock, NC 28532-8994

From: [Glenda Walden](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 3:26:08 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Glenda Walden
2241 Sandy Ln
Mebane, NC 27302-9187

From: [Martha Johnson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 3:25:44 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Martha Johnson
4 Daniel Ln
Black Mountain, NC 28711-8712

From: [Jaime Rumsey](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 3:24:32 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Jaime Rumsey
783 Great Ridge Pkwy.
Chapel Hill, NC 27516

From: [Penny Eustis](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 3:21:57 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Penny Eustis
330 Nottingham Rd
Jacksonville, NC 28546-5527

From: carolyn.ashburn
To: SVC_DENR_publiccomments
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 3:21:56 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

carolyn ashburn
498 Chisholm St
Saluda, NC 28773-8731

From: [Julie Irwin](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 3:21:55 PM

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Dear Department of Environmental Quality,

Chemours should not be allowed to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Julie Irwin
PO Box 1197
Pisgah Forest, NC 28768-1197

From: [Michele Clark](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 3:21:36 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Michele Clark
109 Shadowood Dr Apt V
Chapel Hill, NC 27514

From: [Nancy Byrum](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 3:21:17 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Nancy Byrum
1836 Flatrock St
Winston Salem, NC 27107-2420

From: [George Neste](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 3:19:17 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

George Neste
4437 Garden Club St
High Point, NC 27265-1196

From: [John Franklin](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 3:18:56 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

John Franklin
11504 Hyde Pl
Raleigh, NC 27614-9626

From: [linda Konold](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 3:18:46 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

linda Konold
315 Burning Tree Rd
Pinehurst, NC 28374-9332

From: [Loveeta Baker](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 3:18:41 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Loveeta Baker
25 Turtle Wallow
Weaverville, NC 28787-9743

From: [Robert Ponzoni](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 3:18:10 PM

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Dear Department of Environmental Quality,

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Robert Ponzoni
PO Box 123
Carolina Beach, NC 28428

From: [Ada Khoury](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 3:13:33 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Ada Khoury
PO Box 646
Weaverville, NC 28787-0646

From: [Linda Ricks](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 3:12:50 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Linda Ricks
112 Willow Street
Beaufort, NC 28516

From: [Ruth Syre](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 3:12:15 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Ruth Syre
3905 River Front PI Unit 102
Wilmington, NC 28412-7015

From: [Toni Becker](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 3:11:37 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Toni Becker
532 Kyle Road
WINSTON SALEM, NC 27104

From: [Mercedes Hyman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 3:11:37 PM

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Dear Department of Environmental Quality,

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Mercedes Hyman
279 Leutze Hall, 601 S College Road
Wilmington, NC 28403

From: [Gailya Paliga](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 3:11:35 PM

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Dear Department of Environmental Quality,

"You can move to North Carolina, but don't drink the water" is what I tell people and post on facebook when I see someone thinking about moving here. This is a real problem and the DEQ is responsible for this as well. And the DEQ could fix this.

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Gailya Paliga
8904 Creekstone Ct
Raleigh, NC 27615-2403

From: [Julie Colon](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 3:10:37 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Julie Colon
19736 Beneteau ct
Cornelius, NC 28032

From: [Meredith Kilmer](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 3:09:59 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Meredith Kilmer
302 Village Orchard Rd
Cary, NC 27519-7496

From: [Gary Simpson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 3:07:05 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Gary Simpson
82 Cynthia Ln
Pittsboro, NC 27312-5733

From: [Steven Frowine](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 3:03:35 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Steven Frowine
324 Pole Barn Dr
Asheville, NC 28806-2195

From: [Cristna Mickiewicz](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 3:01:06 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Cristna Mickiewicz
919 Gordon Woods Rd
Wilmington, NC 28411

From: [Philip Rees](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 3:00:13 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Philip Rees
750 Weaver Dairy Rd Apt 170
Chapel Hill, NC 27514-1482

From: [Allie Smith](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 3:00:11 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Allie Smith
4108 Fearington Post
Pittsboro, NC 27312-5049

From: [Abby Jacobson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 2:58:02 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Abby Jacobson
25 E Miravista Ct
Clayton, NC 27527-5420

From: [catherine elkins](mailto:catherine.elkins@nc.gov)
To: [SVC_DENR_publiccomments](mailto:SVC_DENR_publiccomments@nc.gov)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 2:57:49 PM

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Dear Department of Environmental Quality,

I believe in the efforts of NC Conservation Network and do not consider them to be outrageous in any requests. I'm so sorry that DEQ has to play watchdog over an uncooperative business but they've dug themselves this hole and reaped the benefits for years. Hold their feet to the fire! Work for us citizens!

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

catherine elkins
297 Sleepy Point Rd
Gloucester, NC 28528-9332

From: [Sandra Hutchinson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 2:57:48 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Sandra Hutchinson
2309 Duck Pond Cir Apt H
Morrisville, NC 27560-9679

From: [Sandra Resner](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 2:54:29 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Sandra Resner
7607 Middle Dr
Greensboro, NC 27409

From: [Patricia Joynes](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 2:51:08 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Patricia Joynes
214 Woodhaven Trl
Boone, NC 28607-7938

From: [Jerome Kammermeyer](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 2:51:07 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Jerome Kammermeyer
2049 Willow Rd
Hendersonville, NC 28739

From: [Francine Friedman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 2:48:47 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Francine Friedman
516 Windchime Dr
Wilmington, NC 28412-7520

From: [Lisa Sadler](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 2:45:34 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Lisa Sadler
1210 Edgedale Dr
Salisbury, NC 28144

From: [Jason Pray](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 2:40:36 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Jason Pray
2003 Magna Ln
Indian Trail, NC 28079

From: [Janice Propst](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 2:39:57 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Janice Propst
4343 Beason Dr
Lincolnton, NC 28092-5807

From: [Anne Jones](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 2:39:56 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Anne Jones
2304 Brandt Vlg
Greensboro, NC 27455-2168

From: [Emmy Moore](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 2:39:55 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to require Chemours to halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Emmy Moore
2110 Saint Marys St
Raleigh, NC 27608

From: [Michael Adams](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 2:36:51 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Michael Adams
201 Dinadan Dr Apt H
Charlotte, NC 28217-5164

From: [Ronald Clayton](#)
To: [SVC_DENR_publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 2:33:40 PM

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Dear Department of Environmental Quality,

I urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River.

The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades.

** There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Ronald Clayton
10860 Old US Highway 70
Cove City, NC 28523-9514

From: [Carole Dupre](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 2:33:24 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Carole Dupre
500 W Poplar Ave
Carrboro, NC 27510-1622

From: [Ramona Bryant](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 2:33:07 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River. How about they clean Camp La sp. Juneau where all the BATTERY 'S leaked into the soil and gave a lot of women Cancer of the Breast and who knows how many other's are sick ...I REMEMBER

Ramona Bryant
4881 Keeneland PL. SW
concord, NC 28027

From: [Elizabeth Hardy](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 2:30:58 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Elizabeth Hardy
198 Greensboro St Apt 10
Supply, NC 28470

From: [Karl Fields](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 2:30:15 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Karl Fields
902 Carolina St
Greensboro, NC 27401-1503

From: [Robert Weber](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 2:28:48 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Robert Weber
104 Cypress Pt
New Bern, NC 28560

From: [Sarah Carlson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 2:27:48 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Sarah Carlson
1050 Greenfield Heights Blvd
Havelock, NC 28532

From: [Ginny Frierson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 2:24:28 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Ginny Frierson
1619 Princess St
Wilmington, NC 28401-3847

From: [Jennifer Kahn](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 2:24:13 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Jennifer Kahn
6308 Falcon Knoll Cir
Raleigh, NC 27616

From: [Leigh Yeoman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 2:24:10 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Leigh Yeoman
10501 Moss Mill Ln
Charlotte, NC 28277-1672

From: [Ken Thompson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 2:22:03 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Ken Thompson
248 Riverwood Dr
Lewisville, NC 27023-8300

From: [Margaret Herke](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 2:19:23 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Margaret Herke
212 Heron Cv
Denton, NC 27239-6950

From: [Catherine Marie](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 2:16:12 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Catherine Marie
3612 Morningside Dr
Raleigh, NC 27608

From: [PAM WALLACE](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 2:16:10 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

PAM WALLACE
158 Eller Cove Rd
Weaverville, NC 28787

From: [Shirley Ware-Gully](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 2:15:53 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

How is it that corporations in NC continue to get away with avoiding responsibility for pollution they create? I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete and comprehensive cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Shirley Ware-Gully
103 Bellshill Ct
Cary, NC 27513-5159

From: [lawrence adrian](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 2:12:09 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

lawrence adrian
101 Kaitlin Dr
Durham, NC 27713-2769

From: [Susan Stinson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 2:10:01 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

This is important for all North Carolinians. I want my children and grandchild, and everyone else's, to have safe drinking water and water that is safe for growing our food:

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed (and not everyone can afford to do so) are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Susan Stinson
907 Fairmont St
Greensboro, NC 27401-1724

From: [Allan Garrison](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 2:06:42 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Allan Garrison
170 Warrior Dr
Statesville, NC 28625-1614

From: [Cynthia Barnes](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 2:06:35 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Cynthia Barnes
PO Box 43
Garysburg, NC 27831-0043

From: [Linda Buckel](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 2:03:52 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Linda Buckel
7732 Hammond Dr
Charlotte, NC 28215-9645

From: [Martha Woolverton](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 2:03:17 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Martha Woolverton
2407 River Ridge Dr
Asheville, NC 28803-1084

From: [Jennifer Ott](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 2:01:06 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Jennifer Ott
7 Pickering Dr
Calabash, NC 28467

From: [Robert Hunt](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 2:01:01 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Robert Hunt
415 Idlewood Dr
Salisbury, NC 28144

From: [Blanchy Borja](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 2:00:08 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Blanchy Borja
6216 Pineburr Rd
Charlotte, NC 28211

From: [Linda Bonskowski](#)
To: [SVC_DENR_publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 1:57:56 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm furious to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

What if it were YOUR children or grandchildren? Would you want THEM to drink it?

It sickens me to see major companies sell our health out so that they will make bigger profits. You turn a blind eye to the safety of the people in this state while these companies fill up their coffers as well as politicians' pockets. How do you sleep at night? Quite well, I imagine. As people like you go through life without any conscience or accountability for the harm you do to our environment.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Linda Bonskowski
3275 Island Dr. SE
Bolivia, NC 28422

From: sheina.kalinchak
To: SVC_DENR.publiccomments
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 1:55:34 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

sheina.kalinchak
1950.gastonia.rd
southport, NC 28461

From: [Richard Ashton](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 1:54:23 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Richard Ashton
15 Westchester Cir
Pinehurst, NC 28374-9524

From: [Z. Vijay Director](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 1:54:23 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Z. Vijay Director
27 Hunting Lodge Dr
Black Mountain, NC 28711

From: [Cheryl Jones](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 1:48:30 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Cheryl Jones
4838 Butterwick Ln
Charlotte, NC 28212

From: [Glenn Ahrendt](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 1:46:06 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Glenn Ahrendt
140 Winged Foot Rd
Pinehurst, NC 28374-8578

From: [James Zizzo](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 1:45:59 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

James Zizzo
2304 Wrightsville Ave.
Wilmington, NC 28403

From: [Glenda Steel](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 1:45:51 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Glenda Steel
103 Union St N
Concord, NC 28025-4779

From: [Melanie Walter](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 1:42:52 PM

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Dear Department of Environmental Quality,

CLEAN UP THE MESS YOU CREATED! ! !

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Melanie Walter
303 Green Meadows Dr
Wilmington, NC 28405-3935

From: [Sharon Vinson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 1:42:52 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Sharon Vinson
703 Vinson Rd
Burlington, NC 27217

From: [Kathy Wright](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 1:42:31 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Kathy Wright
620 Lighthouse Cir
Aberdeen, NC 28315-3774

From: [Judith Williams](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 1:40:05 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Judith Williams
16 Vance Cir
Lexington, NC 27292-2336

From: [Jonathan Scott](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 1:37:00 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Jonathan Scott
497 Horse Pen Ln
Vass, NC 28394-7501

From: [Linda Kehew](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 1:36:52 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Linda Kehew
211 Buckingham Dr
Winterville, NC 28590-9419

From: [Ocean Priselac](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 1:34:59 PM

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Dear Department of Environmental Quality,

SHUTDOWN CHEMOURS!

Ocean Priselac
2004 Pender Ave
Wilmington, NC 28403-1026

From: [Jane Church](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 1:34:28 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Jane Church
211 Cedar Berry Lane
Chapel Hill, NC 27517

From: [Nicholas Rose](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 1:33:37 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Nicholas Rose
5026 Waldron Meadow Dr
Charlotte, NC 28226-8800

From: [Rachel Campbell](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 1:31:03 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Rachel Campbell
5918 Chapel Creek Ct
Charlotte, NC 28226-8131

From: [Diane Thomas](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 1:30:54 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Diane Thomas
110 Pinecrest Rd
Durham, NC 27705-5813

From: [Victoria Estes](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 1:30:51 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

To allow a government company to pollute our societies and then not be held responsible for it is disgustingly immoral

They should be fully obliged to cleaning up the mess they created. I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Victoria Estes
1884 Brevard Rd
Arden, NC 28704-9488

From: [William White](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 1:28:47 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

William White
112 Cavalier Dr
Wilmington, NC 28403

From: [William S.T. Holcomb](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 1:28:17 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

William S.T. Holcomb
190 hawks haunt lane
tryon, NC 28782

From: [Jimmie Freeman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 1:28:17 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Jimmie Freeman
3597 Copper Creek Ln
Franklinton, NC 27525-9471

From: [Richard Starling](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 1:25:22 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Richard Starling
3216 Hubbard Rd
Charlotte, NC 28269-2124

From: [Melanie Kaufman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 1:25:21 PM

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Dear Department of Environmental Quality,

I'm seriously disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages. Also, make sure a timeline with target goal dates are set up to monitor their progress in cleaning up the pollution they've created.

Melanie Kaufman
5808 Turner Store Ln
Raleigh, NC 27603-9519

From: [Richard George](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 1:24:54 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Richard George
5849 Greenway Vista Ln
Charlotte, NC 28216-8824

From: [Jami Haigler](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 1:24:52 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Jami Haigler
249 Blalock Dr
Prospect Hill, NC 27314-9442

From: [James Collins](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 1:22:26 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

James Collins
583 Main St
Winterville, NC 28590-9199

From: [Abby Bishop](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 1:18:54 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Abby Bishop
111 Arthur Rd
Asheville, NC 28806

From: [Cheryl Maattala](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 1:16:23 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Cheryl Maattala
133 Cimmarron Dr
Pisgah Forest, NC 28768-9957

From: [Donald Harland](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 1:16:01 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Donald Harland
PO Box 2080, 677 N Luther Rd
Candler, NC 28715

From: [Karen Hodges](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 1:15:41 PM

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Dear Department of Environmental Quality,

Chemours has been engaging in irresponsible and illegal action, polluting the Cape Fear River, for years. We should not ask any less of them than a rigorous and thorough-going clean-up. The harm done by their pollutants affects innocent citizens in the most serious way. Nothing is more important to any of us - individually, collectively, personally, emotionally, financially - than our health. Chemours must not only be held accountable under the law but must act to repair the damage.

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Karen Hodges
2641 Palm Ave
Charlotte, NC 28205-2239

From: [Paul Naylor](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 1:13:17 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Paul Naylor
3508 Manford Dr
Durham, NC 27707-5143

From: [Philip Loydpierson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 1:12:51 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Philip Loydpierson
3214 Stoneybrook Rd
Charlotte, NC 28205-3154

From: [Karrie Cash](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 1:10:14 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Karrie Cash
330 W Main St
Lincolnton, NC 28092

From: [Amy Adams](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 1:10:12 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Amy Adams
108 Camelot St.
Washington, NC 27889

From: [Charles Webb](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 1:07:39 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Charles Webb
201 NC 54 Apt 717
Carrboro, NC 27510-1652

From: [Ellen Osborne](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 1:07:38 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Ellen Osborne
6731 Hunt Rd
Pleasant Garden, NC 27313-9701

From: [G. W. Cheney](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 1:07:36 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

G. W. Cheney
315 Hickory Ln
Boone, NC 28607-8767

From: [David MacQueen](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 1:07:35 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

David MacQueen
625 Woodland Forest Ct
Wilmington, NC 28403

From: [Thomas Monforte](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 1:07:18 PM

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Dear Department of Environmental Quality,

Dear CC,

Please note that this has the attention of many citizens through the state and indeed the country.

We demand that this be taken seriously and that you give this full attention for a safe and complete resolution.

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Thomas Monforte
744 Riding Crop Ct
Indian Trail, NC 28079-4175

From: [Jacqueline Brown](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 1:04:24 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk. Chemours has estimated it would cost tens of billions of dollars to remediate such an extensive area of groundwater contamination — at least 70 square miles. But how much have they profited off the use of GenX, which they back-doored in when told not to use PFOA and PFOS due to detection of those chemicals in groundwater? The bottom line of Chemours (or DuPont) is not what's at stake here — it's the drinking water of much of the state of North Carolina and beyond.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Jacqueline Brown
5313 Country Ct
Raleigh, NC 27609-4703

From: [K Heiser](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 1:04:06 PM

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Dear Department of Environmental Quality,

I can't believe the DEQ is allowing this to happen! The DEQ should be requiring more from Chemours, not less. Would you want to drink that water or have your kids play by the Cape Fear and maybe swallow some of that water? In this day and age, you should be ashamed of yourselves for not requiring full clean up and even the shuttering of any plant that pollutes the way Chemours did and is doing!

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

K Heiser
2814 Moorings Way Se
Southport, NC 28461-8328

From: [Evelyn Coltman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 1:03:58 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Evelyn Coltman
90 Evergreen Cir
Waynesville, NC 28786-7508

From: [John Genti](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 1:00:55 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

John Genti
8809 Macedonia Lake Drive
Cary, NC 27518

From: [Kenneth Crews](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 1:00:50 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Kenneth Crews
P. O. Box 1062
Durham, NC 27702

From: [Laura Delplace](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 1:00:36 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Laura Delplace
110 Oak Trl
Belmont, NC 28012-2706

From: [Tom Winstead](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:58:29 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Tom Winstead
7905 Tulip Cir
Raleigh, NC 27606-9610

From: [Kathleen Richert](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:57:59 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Kathleen Richert
PO Box 194
Brasstown, NC 28902-0194

From: [Karen Bearden](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours and GenX
Date: Thursday, February 27, 2020 12:57:38 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

WATER IS LIFE!

I'm writing to urge the NC Department of Environmental Quality to make Chemours STOP the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. That is sooo unacceptable! There is NO safe level for continued exposure. Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours begin a full cleanup of its contamination ASAP, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Karen Bearden
1809 Lakepark Dr
Raleigh, NC 27612-6516

From: [Lynne C.](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:55:30 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Lynne C.
6032 Kentworth Dr
Holly Springs, NC 27540-7670

From: [Douglas Van Luvender](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:52:27 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Douglas Van Luvender
606 Blazing Star Ct
Garner, NC 27529-7708

From: [fiddle witch](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:52:13 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

fiddle witch
28 T T
Swannanoa, NC 28778

From: [Robert Rossi](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:49:16 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

We are sooooo tired of the people running our State that have investments in Chemours We can " No longer " drink our tap water without worry There is "NO" trust left here, so we're moving out

Robert Rossi
94 Nandina Dr
Hampstead, NC 28443-3679

From: [DR Young](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:49:10 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

DR Young
175 W. Chestnut Street
Asheville, NC 28801

From: [Paul Williams](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:48:50 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Paul Williams
236 Logan Ct
King, NC 27021-9462

From: [Julie Hayward](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 12:48:45 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Julie Hayward
6 Eva Circle
Asheville, NC 28806

From: [Johnny Mayall](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:46:52 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Johnny Mayall
86A Willow Way
Chapel Hill, NC 27516-9469

From: [Carol Young](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:46:26 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Chemours owns this mess and it is up to them to clean it up to OUR satisfaction, not theirs.

Carol Young
5808 Williamsburg Way
Durham, NC 27713-2636

From: [Donna Levine-Small](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:46:23 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Donna Levine-Small
848 Sprinkle Branch Rd
Marshall, NC 28753-6110

From: [Sam Heaton](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:46:22 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Sam Heaton
3180 US Highway 64 W
Mocksville, NC 27028-8449

From: [Hayward Anderson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:46:21 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Hayward Anderson
2350 English Dr
Charlotte, NC 28216-4223

From: [Kim Youngs](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:46:21 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Kim Youngs
103 Robin Ln
Leland, NC 28451-7932

From: [GregTeresa Rice](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:46:10 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

GregTeresa Rice
105 S 28th St
Morehead City, NC 28557

From: [Joe Bearden](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:45:52 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to strongly urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution. Please remember "Water Is Life".

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Joe Bearden
1809 Lakepark Dr
Raleigh, NC 27612-6516

From: [L.W. Robinson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 12:45:50 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

What Chemours has done is unconscionable. They are fully responsible for remedying the problem. It hurts my soul as well as the earth to have to litter the world with plastic water bottles, and I don't need to be lugging them in my old age while I worry about the harm done to younger generations.

L W Robinson
413 Ridge Rd
Wilmington, NC 28412

From: [Paula Galwith](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 12:45:44 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Paula Galwith
1316 Holland Hills Dr
Fuquay Varina, NC 27526-7726

From: [Andrea Snyder](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 12:45:41 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Andrea Snyder
228 14th Ave SE Apt F
Hickory, NC 28602-5244

From: [Laura Lamm](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:45:41 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Laura Lamm
312 Mcallister St
Fayetteville, NC 28305

From: [David Nikkel](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:43:28 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

David Nikkel
1926 N Pearl St
Fayetteville, NC 28303-4341

From: [Patrice Reynolds](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:43:12 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Patrice Reynolds
8756 Popular Ln
Sherrills Ford, NC 28673-9754

From: [Aline Kala](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:42:44 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Aline Kala
155 Windflower
Pittsboro, NC 27312-6558

From: [Maura Egan](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:41:00 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Maura Egan
1329 Woodmanor Dr
Raleigh, NC 27614-9055

From: [Kathleen Basiewicz](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:40:56 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Kathleen Basiewicz
PO Box 1204
Dana, NC 28724-1204

From: [Ben Wetzel](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 12:40:25 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

We live in one of the best places to live in the world. Access to clean water should never be a concern for NC residents. Big business should not be allowed to ruin that for our great state.

I'm concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Ben Wetzel
9005 Walking Stick Trl
Raleigh, NC 27615-4018

Richard A. DAVIS

Name

7242 Fire Department Road

Address

Hope Mills, NC 28348

City / State / Zip

R.davis014@nc.rr.com

Email or Phone #

Department of Environmental Quality

Secretary Michael Regan

RE: Written Non-Concurrence to the proposed Groundwater Corrective Action Plan

1601 Mail Service Center

Raleigh, N.C. 27699-1601

publiccomments@ncdenr.gov

Subject: Public Comment to the proposed Groundwater Corrective Action Plan

1. I am one of the "affected parties: per 15A NCAC 02L .0202(c) and § 143-215.2A. (Relief for contaminated private drinking water wells). **I DO NOT CONCUR** with the Corrective Action Plan (CAP) as written. I am providing my non-concurrence IAW 15A NCAC 02L .0106(k) (3) and provide my written notification to the Secretary of DEQ and Governor of the State of North Carolina. I demand equal treatment under the laws of North Carolina and demand Secretary Regan force Chemours and/or Dupont to provide a Permanent Solutions for all wells found to be contaminated in exceedance of NC Groundwater Standards listed in 15A NCAC 02L .0202. It is the belief that § 143-215.2A, which was enacted in June 2018 and became a State Statute can still be used to force Chemours and/or Dupont to run water at their expense. Paragraph 34 utilized the verbiage Session Law 2018-5 Sec 13.1(c) when it was signed and enacted in February 2019 over 8 months after § 143-215.2A had been enacted as a State Law. Referring to it as Session Law 2018-5 Sec 13.1 (c) thus makes the limitations that DEQ attempted to place on the use of § 143-215.2A invalid. Since the enactment of the Consent Order Chemours has been in violation in all testing of wells as they are not testing for all chemicals agreed upon in Attachment C as both **PFMOPrA (Perfluoro-3- methoxypropanoic acid) & PFMOBA (Perfluoro-4-methoxybutanoic acid)** are not tested for. GEL Labs can test for these two compounds as they are tested for during NC DEQ testing of wells.

2. As an adjacent property owner IAW the requirements of 15A NCAC 02L .0106(k)(3) **I DO NOT consent** to the **proposed Corrective Action Plan**. It is required by the provisions of 15A NCAC 02L .0106(k)(3) to gain approval of the property owners for the Corrective Action Plan that was submitted for the Chemours i.e. the Fayetteville Works Facility (Geosyntec Project Number TR0795). To date not one property owner that has been requested to provide consent. Unless Chemours and/or Dupont provides equal solutions for all "affected parties" i.e. anybody with a Well that has been found to have any PFAS contamination from the Fayetteville Works Facility (not limited to Attachment C of the consent order) in the means of a Whole Home Solution be it Granular Activated Carbon Systems or Public Water. I

nonconcur with the Corrective Action Plan. Chemours & Dupont cannot be permitted to contaminate our groundwater wells, soil and vegetation without being required to remediate what they have damaged or a Permanent whole home water solution. Cost to remediate or Public water should be the only feasible solution regardless of costs i.e. the \$75K DEQ imposed limit.

3. 15A NCAC 02L .0106(k)(3) is very clear and it states:

15A NCAC 02L .0106(k)(3) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the availability of public water supplies for the affected area; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph. The person making the request shall demonstrate:

(1) that all sources of contamination and free product have been removed or controlled pursuant to Paragraph (f) of this Rule;

(2) that the time and direction of contaminant travel can be predicted with reasonable certainty;

(3) that contaminants have not and will not migrate onto adjacent properties, or that:

(A) such properties are served by an existing public water supply system dependent on surface waters or hydraulically isolated groundwater; or

(B) the owners of such properties have consented in writing to the request;

4. There is still contamination in our trees specifically pine type trees and our soil that Chemours has no intention of remediating. This will continue to have pass through contamination caused by rainfall passing thru the vegetation. As such (1) will not be achieved and neither will (2) above. Contaminants have migrated off of the Fayetteville Works Facility to the adjacent properties as far as 11 miles from the center of the facility covering an area in excess of 125 square miles and growing. All properties could be provided public water supply IAW 15A NCAC 02L .0106 (k) at far less in cost that the cost to remediate an area over 125 square miles. Of whole home water filtration could be provided to all homes with detection of PFAS in exceedance of the NC Ground Water Quality Standards. Chemours can make the choice to fund billion to tens of billions of dollars of cleanup or millions for providing permanent whole home solutions. I do not consent IAW (3)(B) until Chemours provides that resolution voluntarily or forced by the State.

5. Per 15A NCAC 02L .0106(b) Any person conducting or controlling an activity that results in the discharge of a **waste** or **hazardous substance** or oil to the groundwaters of the State, or in proximity thereto, shall take action upon discovery to terminate and control the discharge, mitigate any hazards resulting from exposure to the pollutants and notify the Department, as defined in 15A NCAC 02C .0102, of the discharge. Chemours and Dupont violated 15A NCAC 02L .0106 (d) Any person conducting or controlling an activity that is conducted under the authority of a permit initially issued by the Department on or after December 30, 1983 pursuant to G.S. 143-215.1 or G.S. 130A-294 and that results in an increase in concentration of a substance in excess of the standards. This was known by NC DEQ as far back as December 2016 when Chemours delivered the Corrective Measures Study to DEQ. So for

three years Chemours failed to address a Corrective Action Plan, and has only done so to meet a requirement of a Consent Order.

5. IAW 15A NCAC 02L .0106 (k) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the **availability of public water supplies for the affected area**; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph.

6. The manner in which the consent order lists § 143-215.2A an State Law that was enacted in June of 2018 prior to the Enactment of the Consent Order in February of 2019. Session Law 2018-5 Sec 13.1 (c) is irrelevant as it had been enacted as a State Law prior upon ratification in June of 2018. So it should not have been referred to as Session Law 2018-5, but as the State Statute and since listed incorrectly in Paragraph 34 of the Consent Order is invalid and the Secretary of DEQ can still force the polluters to pay for permanent whole solution be that Whole Home Granular Activated Carbon or the running of Public water Systems to all homes found with a well in violation of the NC Ground Water Standards.

7. 15A NCAC 02L .0106 (a) **Where groundwater quality has been degraded, the goal of any required corrective action shall be restoration to the level of the standards, or as closely thereto as is economically and technologically feasible as determined by the Department in accordance with this Rule.** If Chemours and/or Dupont cannot remediate all wells they have contaminated in violation of the 15A NCAC 02L .0202 standards. **For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules.** At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible. **The size of the area encompasses thousands of private land parcels and any remedial construction activities using currently available remedial technologies (excavation and groundwater extraction) would be very disruptive to the local community and this disruption would continue for a lengthy period of time. Any remedy which in principle could help make progress towards PQLs over this large area would cost in the billions to tens of billions of dollars.**

8. I as one of the “affected parties” are demanding that NC DEQ protect our rights and force Chemours and/or Dupont the polluters to either remediate the damages to our Groundwater Wells or provide permanent whole home solutions i.e. Whole Home Granular Activated Carbon or Public Water connections with a defined period of the polluter paying for the water bills. The same solution provided for the Coal Ash “Affected Parties”.

9. Areas of Corrective Action Plan that indicate why Chemours and/or Dupont should be forced to provide Whole Home Filtration or Public Water for all those with wells that indicate exceedance of the NC Groundwater Standards 15A NCAC 02L .0202(c). When referring to the costs associated with providing the above remediation it must be taken into account that Chemours is gaining a cost savings of \$5,000,000 per month in cost savings for the elimination of shipping the Waste Water to Texas. It must also be taken into account the processing of the Waste from the Netherlands in determining the feasibility of providing public water or Whole Home Solutions to all “affected parties”. Affected Party is

any property found with a groundwater well in exceedance of the NC Ground Water Standards established by the NC Environmental

Page xiv

Comply with 2L Rules (CO paragraph 16), including following the policy for the intention of the 2L Rules “to maintain and preserve the quality of the groundwaters, prevent and abate pollution and contamination of the water of the state, protect public health, and permit management of the groundwaters for their best usage by the citizens of North Carolina” (15A NCAC 02L .0103)1; and comply with other requirements of the CO.

Response to Page xiv

Chemours is not in compliance with the Consent Order as they are not testing for all of the Chemicals listed on Attachment C. The two compounds that are not tested for are PFMOPrA (Perfluoro-3-methoxypropanoic acid) & PFMOBA (Perfluoro-4-methoxybutanoic acid). This should be a complaint that all address to Michael Scott and Michael Regan @ NC DEQ. Prior to approval of a Corrective Action Plan NC DEQ should ensure that the Consent Order is actually enforced and that a permanent remediation solution or permanent whole home water solutions are provided.

Page xvi

Because the results of the HH-SLEA and Ecological SLEA indicate that exposures to HFPO-DA in offsite environmental media do not pose a hazard to human health or the environment, site-specific, risk-based cleanup goals were not developed; rather, cleanup goals are based on CO and 2L rules. ****

For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules. **At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible.**

For offsite groundwater receptors, provide public water connections or whole building filtration units or reverse osmosis units to qualifying surrounding residents (CO paragraphs 19 and 20);

Response: to Chemours CAP Page xvi

Most all wells tested have multiple Chemicals in the wells. Some as many as 9- 16 yet in documents like this Corrective Action Plan you will see Chemours discussion relate to only HFPO-DA. In the Ground Water Quality Standard of the State of North Carolina under 15A NCAC 02L .0202(b)(2) Where two or more substances exist in combination, the Director shall consider the effects of chemical interactions as determined by the Division of Public Health and may establish maximum concentrations at values less than those established in accordance with Paragraphs (c), (h), or (i) of this Rule. In the absence of information to the contrary, in accordance with Paragraph (d) of this Rule, the carcinogenic risks associated with carcinogens present shall be considered additive and the toxic effects associated with non-carcinogens present shall also be considered additive.

I as an “affected party”: per 15A NCAC 02L .0202(c) and § 143-215.2A (Relief for contaminated private drinking water wells) demand that the Secretary of DEQ and Governor of the State of North Carolina force Chemours and/or Dupont to provide a Permanent Solution for all wells found to be

contaminated in exceedance of the NC Groundwater Standards as the remedy for our contaminated wells based on the admission that Chemours has no plan for remediation of our contaminated properties. Secretary Regan needs to follow NC Groundwater Quality Standards as well as enforce the Consent Order. Failure to do so is a failure to perform the duties of office.

Richard B. Davis

From: [D. Thalheimer](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:37:18 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

D. Thalheimer
407 Tynemouth Dr
Cary, NC 27513

From: [Mark Sullivan](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:37:16 PM

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Mark Sullivan
4016 Logan Cir
Indian Trail, NC 28079-6516

From: [Ramona Lea](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:37:04 PM

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Dear Department of Environmental Quality,

Please urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades! There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River!!

Ramona Lea
3049 Lake Dr
Burlington, NC 27217-8237

PATSY C. DAVIS
Name

7242 Fire Department Road
Address

Hope Mills, NC 28348
City/State / Zip

Pcdavis@nc-RR.com
Email or Phone #

Department of Environmental Quality

Secretary Michael Regan

RE: Written Non-Concurrence to the proposed Groundwater Corrective Action Plan

1601 Mail Service Center

Raleigh, N.C. 27699-1601

publiccomments@ncdenr.gov

Subject: Public Comment to the proposed Groundwater Corrective Action Plan

1. I am one of the "affected parties: per 15A NCAC 02L .0202(c) and § 143-215.2A. (Relief for contaminated private drinking water wells). **I DO NOT CONCUR** with the Corrective Action Plan (CAP) as written. I am providing my non-concurrence IAW 15A NCAC 02L .0106(k) (3) and provide my written notification to the Secretary of DEQ and Governor of the State of North Carolina. I demand equal treatment under the laws of North Carolina and demand Secretary Regan force Chemours and/or Dupont to provide a Permanent Solutions for all wells found to be contaminated in exceedance of NC Groundwater Standards listed in 15A NCAC 02L .0202. It is the belief that § 143-215.2A, which was enacted in June 2018 and became a State Statute can still be used to force Chemours and/or Dupont to run water at their expense. Paragraph 34 utilized the verbiage Session Law 2018-5 Sec 13.1(c) when it was signed and enacted in February 2019 over 8 months after § 143-215.2A had been enacted as a State Law. Referring to it as Session Law 2018-5 Sec 13.1 (c) thus makes the limitations that DEQ attempted to place on the use of § 143-215.2A invalid. Since the enactment of the Consent Order Chemours has been in violation in all testing of wells as they are not testing for all chemicals agreed upon in Attachment C as both **PFMOPrA (Perfluoro-3- methoxypropanoic acid)** & **PFMOBA (Perfluoro-4- methoxybutanoic acid)** are not tested for. GEL Labs can test for these two compounds as they are tested for during NC DEQ testing of wells.

2. As an adjacent property owner IAW the requirements of 15A NCAC 02L .0106(k)(3) **I DO NOT consent** to the **proposed Corrective Action Plan**. It is required by the provisions of 15A NCAC 02L .0106(k)(3) to gain approval of the property owners for the Corrective Action Plan that was submitted for the Chemours i.e. the Fayetteville Works Facility (Geosyntec Project Number TR0795). To date not one property owner that has been requested to provide consent. Unless Chemours and/or Dupont provides equal solutions for all "affected parties" i.e. anybody with a Well that has been found to have any PFAS contamination from the Fayetteville Works Facility (not limited to Attachment C of the consent order) in the means of a Whole Home Solution be it Granular Activated Carbon Systems or Public Water. I

nonconcur with the Corrective Action Plan. Chemours & Dupont cannot be permitted to contaminate our groundwater wells, soil and vegetation without being required to remediate what they have damaged or a Permanent whole home water solution. Cost to remediate or Public water should be the only feasible solution regardless of costs i.e. the \$75K DEQ imposed limit.

3. 15A NCAC 02L .0106(k)(3) is very clear and it states:

15A NCAC 02L .0106(k)(3) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the availability of public water supplies for the affected area; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph. The person making the request shall demonstrate:

(1) that all sources of contamination and free product have been removed or controlled pursuant to Paragraph (f) of this Rule;

(2) that the time and direction of contaminant travel can be predicted with reasonable certainty;

(3) that contaminants have not and will not migrate onto adjacent properties, or that:

(A) such properties are served by an existing public water supply system dependent on surface waters or hydraulically isolated groundwater; or

(B) the owners of such properties have consented in writing to the request;

4. There is still contamination in our trees specifically pine type trees and our soil that Chemours has no intention of remediating. This will continue to have pass through contamination caused by rainfall passing thru the vegetation. As such (1) will not be achieved and neither will (2) above. Contaminants have migrated off of the Fayetteville Works Facility to the adjacent properties as far as 11 miles from the center of the facility covering an area in excess of 125 square miles and growing. All properties could be provided public water supply IAW 15A NCAC 02L .0106 (k) at far less in cost that the cost to remediate an area over 125 square miles. Of whole home water filtration could be provided to all homes with detection of PFAS in exceedance of the NC Ground Water Quality Standards. Chemours can make the choice to fund billion to tens of billions of dollars of cleanup or millions for providing permanent whole home solutions. I do not consent IAW (3)(B) until Chemours provides that resolution voluntarily or forced by the State.

5. Per 15A NCAC 02L .0106(b) Any person conducting or controlling an activity that results in the discharge of a waste or hazardous substance or oil to the groundwaters of the State, or in proximity thereto, shall take action upon discovery to terminate and control the discharge, mitigate any hazards resulting from exposure to the pollutants and notify the Department, as defined in 15A NCAC 02C .0102, of the discharge. Chemours and Dupont violated 15A NCAC 02L .0106 (d) Any person conducting or controlling an activity that is conducted under the authority of a permit initially issued by the Department on or after December 30, 1983 pursuant to G.S. 143-215.1 or G.S. 130A-294 and that results in an increase in concentration of a substance in excess of the standards. This was known by NC DEQ as far back as December 2016 when Chemours delivered the Corrective Measures Study to DEQ. So for

three years Chemours failed to address a Corrective Action Plan, and has only done so to meet a requirement of a Consent Order.

5. IAW 15A NCAC 02L .0106 (k) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the **availability of public water supplies for the affected area**; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph.

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7. 15A NCAC 02L .0106 (a) **Where groundwater quality has been degraded, the goal of any required corrective action shall be restoration to the level of the standards, or as closely thereto as is economically and technologically feasible as determined by the Department in accordance with this Rule. If Chemours and/or Dupont cannot remediate all wells they have contaminated in violation of the 15A NCAC 02L .0202 standards. For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules. At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible. The size of the area encompasses thousands of private land parcels and any remedial construction activities using currently available remedial technologies (excavation and groundwater extraction) would be very disruptive to the local community and this disruption would continue for a lengthy period of time. Any remedy which in principle could help make progress towards PQLs over this large area would cost in the billions to tens of billions of dollars.**

8. I as one of the "affected parties" are demanding that NC DEQ protect our rights and force Chemours and/or Dupont the polluters to either remediate the damages to our Groundwater Wells or provide permanent whole home solutions i.e. Whole Home Granular Activated Carbon or Public Water connections with a defined period of the polluter paying for the water bills. The same solution provided for the Coal Ash "Affected Parties".

9. Areas of Corrective Action Plan that indicate why Chemours and/or Dupont should be forced to provide Whole Home Filtration or Public Water for all those with wells that indicate exceedance of the NC Groundwater Standards 15A NCAC 02L .0202(c). When referring to the costs associated with providing the above remediation it must be taken into account that Chemours is gaining a cost savings of \$5,000,000 per month in cost savings for the elimination of shipping the Waste Water to Texas. It must also be taken into account the processing of the Waste from the Netherlands in determining the feasibility of providing public water or Whole Home Solutions to all "affected parties". Affected Party is

any property found with a groundwater well in exceedance of the NC Ground Water Standards established by the NC Environmental

Page xiv

Comply with 2L Rules (CO paragraph 16), including following the policy for the intention of the 2L Rules “to maintain and preserve the quality of the groundwaters, prevent and abate pollution and contamination of the water of the state, protect public health, and permit management of the groundwaters for their best usage by the citizens of North Carolina” (15A NCAC 02L .0103)1; and comply with other requirements of the CO.

Response to Page xiv

Chemours is not in compliance with the Consent Order as they are not testing for all of the Chemicals listed on Attachment C. The two compounds that are not tested for are PFMOPrA (Perfluoro-3-methoxypropanoic acid) & PFMObA (Perfluoro-4-methoxybutanoic acid). This should be a complaint that all address to Michael Scott and Michael Regan @ NC DEQ. Prior to approval of a Corrective Action Plan NC DEQ should ensure that the Consent Order is actually enforced and that a permanent remediation solution or permanent whole home water solutions are provided.

Page xvi

Because the results of the HH-SLEA and Ecological SLEA indicate that exposures to HFPO-DA in offsite environmental media do not pose a hazard to human health or the environment, site-specific, risk-based cleanup goals were not developed; rather, cleanup goals are based on CO and 2L rules. ****

For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules. At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible.

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Response: to Chemours CAP Page xvi

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Patsy C. Davis

From: [Deborah Douglas](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:36:56 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Deborah Douglas
3800 Smooth Rock Ct
Charlotte, NC 28210-6910

From: [myra dotson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:36:51 PM

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myra dotson
8418 orange grove road
chapel hill, NC 27516

From: [Linda Lambe](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:36:40 PM

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Linda Lambe
217 Magnolia Dr
Sunset Beach, NC 28468-4228

From: [George Matthews](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:34:17 PM

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George Matthews
2008 Ashbrook CT
LELAND, NC 28451-7689

From: [Michael Eisenberg](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:33:48 PM

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Michael Eisenberg
5033 Bartons Enclave Ln
Raleigh, NC 27613-8565

Lydia Rozier
Name

7276 Fire Department Road
Address

Hope Mills, NC 28348
City/State / Zip

910-483-8018
Email or Phone #

Department of Environmental Quality

Secretary Michael Regan

RE: Written Non-Concurrence to the proposed Groundwater Corrective Action Plan

1601 Mail Service Center

Raleigh, N.C. 27699-1601

publiccomments@ncdenr.gov

Subject: Public Comment to the proposed Groundwater Corrective Action Plan

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Page xiv

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Response to Page xiv

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Page xvi

Because the results of the HH-SLEA and Ecological SLEA indicate that exposures to HFPO-DA in offsite environmental media do not pose a hazard to human health or the environment, site-specific, risk-based cleanup goals were not developed; rather, cleanup goals are based on CO and 2L rules. ****

For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules. At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible.

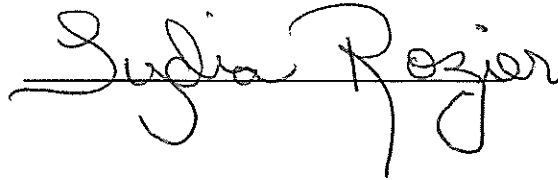
For offsite groundwater receptors, provide public water connections or whole building filtration units or reverse osmosis units to qualifying surrounding residents (CO paragraphs 19 and 20);

Response: to Chemours CAP Page xvi

Most all wells tested have multiple Chemicals in the wells. Some as many as 9- 16 yet in documents like this Corrective Action Plan you will see Chemours discussion relate to only HFPO-DA. In the Ground Water Quality Standard of the State of North Carolina under 15A NCAC 02L .0202(b)(2) Where two or more substances exist in combination, the Director shall consider the effects of chemical interactions as determined by the Division of Public Health and may establish maximum concentrations at values less than those established in accordance with Paragraphs (c), (h), or (i) of this Rule. In the absence of information to the contrary, in accordance with Paragraph (d) of this Rule, the carcinogenic risks associated with carcinogens present shall be considered additive and the toxic effects associated with non-carcinogens present shall also be considered additive.

I as an “affected party”: per 15A NCAC 02L .0202(c) and § 143-215.2A (Relief for contaminated private drinking water wells) demand that the Secretary of DEQ and Governor of the State of North Carolina force Chemours and/or Dupont to provide a Permanent Solution for all wells found to be

contaminated in exceedance of the NC Groundwater Standards as the remedy for our contaminated wells based on the admission that Chemours has no plan for remediation of our contaminated properties. Secretary Regan needs to follow NC Groundwater Quality Standards as well as enforce the Consent Order. Failure to do so is a failure to perform the duties of office.

A handwritten signature in black ink that reads "Julia Rozier". The signature is written in a cursive style with a horizontal line drawn through the middle of the text.

From: [Susan Pannick](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:31:11 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Susan Pannick
8529 Clivedon Drive
Raleigh, NC 27615

From: [Sherry Lawson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:28:30 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Sherry Lawson
2219 Dover Pl
High Point, NC 27265-2303

From: [Christopher Blackmon](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:28:27 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Christopher Blackmon
165 Bayberry Woods Dr
Garner, NC 27529-6404

From: [Pam B](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:28:18 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Pam B
5530 Woodspring Dr
Winston Salem, NC 27106-8737

From: [James Little](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:28:15 PM

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James Little
1807 Register Ln
Wilmington, NC 28411-7203

From: [Stephanie Kenny](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:27:59 PM

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Dear Department of Environmental Quality,

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Stephanie Kenny
6113 Loch Arbor Ln
Mint Hill, NC 28227-4178

From: [Kirsten Pearson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:27:58 PM

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Dear Department of Environmental Quality,

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Kirsten Pearson
107 Waterhouse Ct
Mooresville, NC 28117-6014

From: [Liz Irvin](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 12:27:58 PM

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Dear Department of Environmental Quality,

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The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Liz Irvin
4707 Rum Runners Ct SE
Southport, NC 28461-6305

From: [Sarah Jackson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:27:57 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I understand that many companies take actions without knowing what the consequences will be. Many children, too, make choices without having the foresight to understand the impact their actions may have. This does not stop us from making sure our children face the consequences of their actions. It is will not stop us from ensuring that large companies, run by fully grown adults, take responsibility for their actions as well. I urge you to step up, take a risk, and present your company name as one that is fully accountable and responsible.

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Sarah Jackson
6004 Chelray Ct
Raleigh, NC 27616

From: [Richard Partridge](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:24:45 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Richard Partridge
503 Brushy Creek Dr
Mc Leansville, NC 27301-9265

From: [Robert Swett](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:22:24 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Robert Swett
301 Montreat Rd
Black Mountain, NC 28711-3119

From: [Alicia Tucker](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:22:16 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Alicia Tucker
1101 K St
North Wilkesboro, NC 28659-3623

From: [Alexander Rousak](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:22:16 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Alexander Rousak
107 Brightleaf Ct
Cary, NC 27513

From: [Reuben Hannon](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:22:13 PM

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Reuben Hannon
12235 Parks Farm Ln
Charlotte, NC 28277-5621

From: [Christine Turnbull](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 12:21:57 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Christine Turnbull
412 Wood Ct
Conway, NC 27820-9735

From: [Deborah Dobson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:19:36 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Deborah Dobson
32 N Clear Creek Rd
Hendersonville, NC 28792-8133

From: [Kevin Jackson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:19:22 PM

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Kevin Jackson
2901 Fort St
Charlotte, NC 28205-3116

From: [mary_parks](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:19:15 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

mary parks
501 Cokesbury Ln
Asheville, NC 28803-2011

From: [marshall waters](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 12:19:05 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

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The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

marshall waters
1703 Pennyroyal Rd
New Bern, NC 28562-4918

From: [Elizabeth Harriss](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:19:02 PM

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Elizabeth Harriss
505 Belhaven Drive
Wilmington, NC 28411

From: [George Spruill](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:18:57 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

George Spruill
134 Elizabeth Ct
Murfreesboro, NC 27855

From: [Jeanne Fitzsimmons](#)
To: [SVC_DENR_publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:16:59 PM

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Jeanne Fitzsimmons
5433 Challisford Ln
Charlotte, NC 28226-2625

From: [Katrina Emanuel](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:16:59 PM

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Katrina Emanuel
6832 Aronomink Dr
Charlotte, NC 28210-7330

From: [Helen Livingston](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:16:29 PM

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Helen Livingston
311 Montrose Ln
Laurinburg, NC 28352-5517

From: [Becky Richardson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:16:11 PM

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The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Becky Richardson
3700 Old Battleground Rd
Greensboro, NC 27410

From: [Kimberly Marley](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 12:15:57 PM

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Kimberly Marley
560 Nc Highway 65
Reidsville, NC 27320-8861

From: [John Allis](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:13:23 PM

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John Allis
2905 Glen Burnie Dr
Raleigh, NC 27607

From: [charlie nitsch](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:13:22 PM

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charlie nitsch
3115 Stoneybrook Rd
Charlotte, NC 28205-3151

From: [thomas brady](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:13:18 PM

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages. they are dispicable pieces of shit and you are as well if you do not make these turds clean up their mess .if it was an individual you would have him under the jail .walk tall ,prosecute the pussies !!!!!!!!!!!!!and tell them that is what i think of them

thomas brady
390 Poverty Branch Rd
Barnardsville, NC 28709-9794

From: [Mary Jenne](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:13:05 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Mary Jenne
406 W Cameron Ave
Chapel Hill, NC 27516-2707

From: [Donna Taylor](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:10:43 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Donna Taylor
6107 Sweet Gum Hollow Rd
Wilmington, NC 28409

From: [Cecelia Furman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:10:37 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Cecelia Furman
532 EARP ST
Holly Springs, NC 27540

From: [Tim Mengel](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:10:35 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Tim Mengel
6118 Branson Davis Rd
Randleman, NC 27317-7110

From: [Edith Simpson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:10:18 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Edith Simpson
15 Springdale Rd
Asheville, NC 28805-1736

From: [Erin Willever](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:10:18 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Erin Willever
2053 Monroe Street
Wilmington, NC 28401

From: [James Hoffman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:10:16 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

James Hoffman
3228 Moss Hammock Wynd
SOUTHPORT, NC 28461

From: [Joyce Matthews](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:10:07 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Joyce Matthews
2008 Ashbrook Ct.
Leland, NC 28451

From: [Twyla Kirby](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 12:10:04 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Twyla Kirby
1531 Dry Ponds Rd
Granite Falls, NC 28630

From: [Jim Chambo](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 12:09:55 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Jim Chambo
2914 Brightside Dr
Chapel Hill, NC 27516-9740

From: [Desiree Robinson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:09:40 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Desiree Robinson
737 Hewespoint Ct
Cary, NC 27519-6470

From: [Laurie Meilleur](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:07:58 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Laurie Meilleur
919 Saint MArys St.
Raleigh, NC 27605

From: [Susan Kilzer](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:07:36 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Susan Kilzer
20016 Bragg
Chapel Hill, NC 27517-8358

From: [Randy Bernard](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:07:28 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure, and Chemours must cut off their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Randy Bernard
18 Plateau Rd
Asheville, NC 28805-1955

From: [Waleed Abdur-Razzaq](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:07:16 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Waleed Abdur-Razzaq
411 Spring avenue
Spring Lake, NC 28390

From: [Benjamin Miller](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:06:51 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Benjamin Miller
242 Ridge Forest Ct
Winston Salem, NC 27104-3552

From: [Kathryn Austin](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:05:13 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Kathryn Austin
209 Woodmont Rd
Jamestown, NC 27282-8502

From: [Murphy Ayala](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:05:12 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Murphy Ayala
816 Graham Street
Raleigh, NC 27605

From: [Nicole Chrisafis](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:05:09 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Nicole Chrisafis
501 E Fork Rd
Brevard, NC 28712

From: [Tom Starnes](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:04:34 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Tom Starnes
108 Barbee Ct
Carrboro, NC 27510-2473

From: [Jennifer Clarke](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:04:32 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Jennifer Clarke
2709 Blaydon Dr
Raleigh, NC 27606

From: [Francine Ritchie](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:04:27 PM

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Dear Department of Environmental Quality,

YOUR PLAN IS INADEQUATE.....CLEAN UP THE MESS YOU MADE!!

I'm MAD AS HELL to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk. **PEOPLE IN THESE COMMUNITIES CAN'T AFFORD BOTTLED WATER FOR EVERY DAY USE.**

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Francine Ritchie
273 Ramona Dr
Fayetteville, NC 28303

From: [Anthony Gordon](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 12:04:12 PM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Anthony Gordon
132 Headwaters Dr # 132
Hampstead, NC 28443-2086

From: [Tricia Hayes](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:04:10 PM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Tricia Hayes
1139 Woodlawn Cir
Newton, NC 28658-9041

From: [Win Southworth](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan to clean up groundwater contamination
Date: Thursday, February 27, 2020 12:03:54 PM

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Dear Department of Environmental Quality,

I am genuinely concerned and rather frightened about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community absolutely needs a complete cleanup, and it is Chemours' responsibility to provide it. DEQ needs to reject Chemours' self-serving proposal and require a completely full cleanup.

Win Southworth
PO Box 885
Swannanoa, NC 28778

From: [Linda Tatsapaugh](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 12:01:24 PM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Linda Tatsapaugh
48 Beech Glen Dr
Black Mountain, NC 28711-9746

From: [Nic Duon](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 12:00:55 PM

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Dear Department of Environmental Quality,

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Nic Duon
3009 Daimler
Gastonia, NC 28052

From: [Molly Boprey](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:59:12 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Molly Boprey
11959 Ridgeway Park Dr
Charlotte, NC 28277-2990

From: [William Heine](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:59:11 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

William Heine
41 Richmond Road
Jackson Springs, NC 27281

From: [CORY RIBACK](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:59:10 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

Why is it that it's always after a mass amount of people get sick and die that anything gets done ?

This is madness!!!!!!

water is the key to all of our lives!

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

CORY RIBACK
1206 Waybridge Way
Weddington, NC 28104-0410

From: [Elizabeth Watkins](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:58:40 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Elizabeth Watkins
542 NC Highway 62 E
Pleasant Garden, NC 27313-9703

From: [Elizabeth Mitchell](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:58:24 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Elizabeth Mitchell
562 Elevation Rd
Four Oaks, NC 27524

From: [dan shade](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:58:11 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

dan shade
5237 Woods Edge Rd
Wilmington, NC 28409-3978

From: [David Hill](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours PFAS clean up plan
Date: Thursday, February 27, 2020 11:57:39 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Dear Sir or Madam:

Chemours has submitted an inadequate plan to clean up the toxic PFAS pollutants that they released into the Cape Fear River and surrounding region. A full clean up of the toxins and prevention of further spread of the chemicals into the water of affected NC citizens is needed. The current Chemours plan does neither. Chemours is a huge, multi-national company with deep pockets. They need to use those resources to adequately clean up the poisons they created which are a direct threat to NC neighbors in the affected area.

Please reject the current Chemours corrective action plan. If Chemours will not do the right thing, NC DEQ should make a plan for them and enforce it.

Thank you for listening.

Dave Hill
Graham, NC

From: [Marge Bish](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:55:43 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

This is a public disgrace that many military families are being exposed to this. It needs to stop.

Marge Bish
3433 Cartway Ln
Raleigh, NC 27616-9763

From: [Donna Durfee](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:55:32 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Donna Durfee
2100 Collingdale Pl
Charlotte, NC 28210-3816

From: [Jeffrey Andrews](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:55:11 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

Companies that pollute without first vetting their chemicals for harm should be held responsible for any harm those chemicals cause. Any corporate malfeasance, such as blocking access to records, renaming things, or using alternate chemicals that have different names but are just as harmful should be met with jail time for board members, instead of fines that are passed on to the consumer as cost of business. Only then will organizations that have the same benefits as people, while enjoying shelter from culpability, start to take personal responsibility for their actions.

Jeffrey Andrews
3939 Woodgreen Ter
Charlotte, NC 28205-4548

From: [Sean McKay](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:52:47 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Sean McKay
2129 Locust Grove Rd
Hendersonville, NC 28792-6558

From: [Loretta Jadelis](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:52:46 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Loretta Jadelis
3312 Heathrowe Grove Court
Fuquay Varina, NC 27526

From: [Herschel Flowers](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:52:28 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Herschel Flowers
80 Walker Cove Rd
Black Mountain, NC 28711-8715

From: [Paula Stober](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:52:25 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Paula Stober
3607 Timberoak Dr
Greensboro, NC 27410-2142

From: [Bruce Elliott](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:52:24 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Bruce Elliott
9112 Essen Ln
Charlotte, NC 28210-7671

From: [Dawn Russo](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:51:53 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Dawn Russo
4500 Eliot Place
Raleigh, NC 27609

From: [Jeffrey Evensen](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:49:44 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup. I ask that you protect people, not polluters!

Jeffrey Evensen
102 Elderberry Ln
Rougemont, NC 27572-9273

From: [Roxanne Newton](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:49:15 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Roxanne Newton
4090 Hickory Hwy # 503
Statesville, NC 28677-1308

From: [Cindy ABERNETHY](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:49:14 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Cindy ABERNETHY
574 Broken Arrow Trl
Boone, NC 28607-6533

From: [Esther Cartwright](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:49:14 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Esther Cartwright
7 Lowell St
Asheville, NC 28803-2545

From: [Joel Herndon](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:47:06 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Joel Herndon
3433 Sheridan Dr
Durham, NC 27707-4643

From: [James Buck Schall](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:46:48 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

James Buck Schall
31 Elizabeth St
Asheville, NC 28801-2267

From: [Linda Ostrenko](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:46:42 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Linda Ostrenko
1612 searay ln #2
Carolina beach, NC 28428

From: [Donald Fuchs](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:46:21 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Donald Fuchs
4609 Wee Burn Trl
Raleigh, NC 27612-6369

From: [Mickey Jo Sorrell](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:46:20 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I have family in Fayetteville and I am very concerned about their water - even for bathing. Please find a GOOD way to fix this.

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Mickey Jo Sorrell
313 Waldo Street
Cary, NC 27511

From: [Collette Warner-Egan](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:46:03 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Collette Warner-Egan
14825 Ranson Rd
Huntersville, NC 28078

From: [Cherry Dailey](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Clean up pollution
Date: Thursday, February 27, 2020 11:44:30 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

- **DEQ know that Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line!! Of which its proposed plan fails to do.**
- **DEQ must make Chemours clean up its pollution —Do not leave families nearby and downstream communities already burdened by exposure and health risks—pay the costs to clean up its pollution.**
- **Chemours' clean up the problem of acres of polluted leaking ground water. Don't leave our communities, drinking water, and the Cape Fear River at risk.**

Sent from my iPhone

From: [Michelle Hicks](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:44:21 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Michelle Hicks
171 Greenwich Dr
Statesville, NC 28677-1624

From: [Richard Potts](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:44:21 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Richard Potts
1720 Farmington Grove Dr
Raleigh, NC 27614

From: [Kay Cope](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:43:49 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River. In addition, the soil **MUST** be cleaned and decontaminated.

Kay Cope
417 E Glenview Dr
Salisbury, NC 28147-8147

From: [Dianna Stugen](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:43:24 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Dianna Stugen
102 S Goosewing Ct
Grandy, NC 27939

From: [Thomas Westall](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:43:21 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Thomas Westall
329 Stone Mountain Way
Denver, NC 28037-4211

From: [Michael Sileno](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:43:20 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Michael Sileno
1509 W Cornwallis Dr
Greensboro, NC 27408-6311

From: [Chuck Stiles](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:42:51 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Chuck Stiles
40 White Cloud Dr
Murphy, NC 28906

From: [Donna Bender](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:40:34 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Donna Bender
1926 Carolina Beach Rd
Wilmington, NC 28401-6807

From: [Hylin McNeeley](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:40:33 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Hylin McNeeley
1208 New Grissom Way
Wake Forest, NC 27587-6212

From: [Kenneth Hogleund](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:40:19 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Kenneth Hogleund
5037 Cobblestone Rd
Winston Salem, NC 27106-9618

From: [Jessica Motta](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:40:03 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Jessica Motta
22 Yadkin St
Clayton, NC 27520-3057

From: [Suzy Lawrence](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:37:46 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Suzy Lawrence
8622 Ryan Rd
Chapel Hill, NC 27516-4899

From: [Nancy Hamel](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:37:23 AM

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Dear Department of Environmental Quality,

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Nancy Hamel
2027 Derrick Dr
Greensboro, NC 27405-9623

From: [Donna Dowd](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:37:01 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Donna Dowd
898 Gaston Manor Dr
Durham, NC 27703

From: [Sharon DeGroat](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:36:55 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Sharon DeGroat
1030 Avenshire Cir
Wilmington, NC 28412

From: [Andra Eich](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:34:37 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Andra Eich
121 Ashley Ln
King, NC 27021-7837

From: [Robert Obeid](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:34:36 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Robert Obeid
477 George Mckinney Rd
Bakersville, NC 28705

From: [Tameka Davis](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:34:35 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Tameka Davis
1511 Pinewinds Dr Apt 203
Raleigh, NC 27603-5709

From: [Debi Treleaven](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:34:34 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Debi Treleaven
111 Mountain Dr
Biltmore Lake, NC 28715-8918

From: [Michele Kanatous](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:34:33 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Michele Kanatous
1119 Cornell Ct
Leland, NC 28451-9242

From: [Bradley Lewis](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:34:32 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Bradley Lewis
2995 Seth Ct Apt J
Gastonia, NC 28054

From: [Jennifer Brandon](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:34:24 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Jennifer Brandon
174 Brody Ln
Lexington, NC 27295

From: [Ellenore Pinkham](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:34:02 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Ellenore Pinkham
206 Firefly Hill Dr
Marshall, NC 28753-5572

From: [Marla West](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:34:02 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Marla West
81 Wild Cherry Rd
Asheville, NC 28804-1726

From: [Brian Armontrout](#)
To: [SVC_DENR_publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:34:01 AM

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Dear Department of Environmental Quality,

Wouldn't you agree that if someone makes a mess, they have to clean it up, especially a toxic mess? Here in Leland, even our schoolchildren are exposed to toxic chemicals via the school water systems that the schools are attempting to make safe.

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Brian Armontrout
136 Parsley Ln Apt 202
Leland, NC 28451-9377

From: [Jennifer Roberts](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Make Chemours clean up its PFAS pollution - Corrective Action Plan
Date: Thursday, February 27, 2020 11:33:13 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I learned that PFAS are severely impacting the quality of our drinking water. We have got to make polluters pay when they skirt regulations and put our health at risk.

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Sincerely

Jennifer Roberts

Jennifer Roberts
Clement Ave
Charlotte, NC 28204

From: [Jason Palivoda](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:32:31 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Jason Palivoda
6513 Thetford Ct
Raleigh, NC 27615

From: [June Richardson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:32:19 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk. Our state needs to be clean for its residents and the health of all!

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

June Richardson
3 Irish Ln
Winterville, NC 28590-9552

From: [M Stanley](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:32:18 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

M Stanley
126 Central Blvd
Wilmington, NC 28401-6947

From: [William Collins](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:32:12 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

William Collins
2927 Hilliard Dr
Charlotte, NC 28205-2270

From: [Dane Bowen](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:32:10 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Dane Bowen
8740 Blair Rd
Charlotte, NC 28227

From: [Susan Strine](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:31:50 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Susan Strine
16 Melfort Dr
Pinehurst, NC 28374-8893

From: [Jen Johnson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:31:49 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Jen Johnson
1720 Orange St
Wilmington, NC 28403-1000

From: [Michael Rigney](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:31:48 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Michael Rigney
4735 Hunting Country Rd
Tryon, NC 28782-6618

From: [Ronald McIrvin](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:31:43 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Ronald McIrvin
605 W Market St Unit 210
Greensboro, NC 27401-2244

From: [Shannon Harper](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:31:41 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Shannon Harper
511 Old Mill Rd
Castle Hayne, NC 28429

From: [Jennifer Labbe](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:28:19 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Jennifer Labbe
253 Wild Turkey Ln
Columbus, NC 28722-5402

From: [John Thomas](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:28:18 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

John Thomas
2534 Westover Dr
Winston Salem, NC 27103-3525

From: [Lisa Gould](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:28:09 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Lisa Gould
272 N Hawthorne Rd
Winston Salem, NC 27104-4330

From: [Carolyn Hurley](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:28:09 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Carolyn Hurley
7346 Bright Leaf Road
Wilmington, NC 28411

From: [Susan Southard](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:28:08 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to mandate that Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure, and Chemours must cutoff their pollution.

Please protect North Carolina's drinking water by demanding that Chemours pursue a FULL cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Susan Southard
PO Box 2264
Southern Pines, NC 28388-2264

From: [Jamey Booterbaugh](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:28:04 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Jamey Booterbaugh
902 Greenwood Dr
Greensboro, NC 27410-4750

From: [Beth Stanberry](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours and GenX comments
Date: Thursday, February 27, 2020 11:27:12 AM

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Dear Department of Environmental Quality,

Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area; allowing this to continue is criminal. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening citizens with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Beth Stanberry
PO Box 468
Asheville, NC 28802-0468

From: [Steve Laux](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:25:21 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Steve Laux
1761 Yateley Ln
Apex, NC 27502-6561

From: [Gloria Aman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:25:20 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Gloria Aman
PO BOX 1595
Richlands, NC 28574

From: [Michael Keenan](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:25:18 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Future generations depend on their parents and grandparents to stand up companies that profit from the production of hazardous materials then walk away from there responsible. Thanks

Michael Keenan
48 Cherokee Trl
Fletcher, NC 28732-9436

From: [Aaron Reuben](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:25:18 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Aaron Reuben
309 Edward St
Durham, NC 27701-2311

From: [Gwendolyn Williams](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:25:17 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Gwendolyn Williams
110 Chase Water Dr
Mooresville, NC 28117-0071

From: [Robert Clark](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:25:17 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Robert Clark
2830 4th Street PI NW
Hickory, NC 28601-8056

From: [Tamara Lewis](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:25:17 AM

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Dear Department of Environmental Quality,

I live near the Chemours plant and I am extremely concerned about PFAS in drinking water. Chemours must be required to do a complete cleanup of all its soil and groundwater contamination. This damage will linger and make living in the area (or selling property) a nightmare.

We know what happens when industries get to set their own clean up rules. There must be strict oversight. Other industries are watching.

Tamara Lewis
418 Arlington Cir
Sanford, NC 27330

From: [JOHN THOMPSON](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:25:16 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

JOHN THOMPSON
1001 Coralberry Court
Leland, NC 28451

From: [Paula Hanke](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:25:15 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Paula Hanke
16 Mill Creek Loop
Asheville, NC 28806

From: [Doris Whitfield](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:24:47 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Doris Whitfield
109 Renwick Ct
Raleigh, NC 27615-2946

From: [Katie Hill](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:24:47 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Katie Hill
509 Whiting Cv
Wilmington, NC 28412-0942

From: [Britt Anderson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:24:45 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Britt Anderson
8041 Sycamore Hill Ln
Raleigh, NC 27612-7187

From: [Martha Perelli](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:24:45 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Martha Perelli
1119 Farm Leaf Dr
Durham, NC 27703

From: [Bruce Maxwell](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:22:48 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Bruce Maxwell
8745 Center Grove Church Rd
Clemmons, NC 27012-9149

From: [Aly Hughes](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:22:46 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Aly Hughes
6714 Bickham Ln
Charlotte, NC 28269-8953

From: [Greg Kinberg](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:22:46 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Greg Kinberg
413 E Leonard St
Southport, NC 28461

From: [Cheryl Crossman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:22:30 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Cheryl Crossman
1285 Dunlop Dr NE
Leland, NC 28451

From: [Carla Skuce](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:22:24 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Carla Skuce
3940 Lake Ferry Dr
Raleigh, NC 27606-8061

From: [Elizabeth Lyle](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:22:23 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Having lived in the Wilmington area by the Cape Fear many years ago, I have sympathy for the folks affected by polluted water. Communities without wealth and influence end up paying the price with their health and it is unfair. The ethical thing to do is make the polluters clean it up.

Elizabeth Lyle
680 Rock House Rd
Hot Springs, NC 28743-7162

From: [Danielle Thomas](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:22:17 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Danielle Thomas
600 S Churton St Apt 36 Bldg 19
Hillsborough, NC 27278-2617

From: [Henry Russell](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:21:58 AM

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Dear Department of Environmental Quality,

AS A PHD ORGANIC CHEMIST I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Henry Russell
6900 Ridge Lane Rd
Charlotte, NC 28262-3119

From: [Arturo Ciompi](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Corrective Action Plan
Date: Thursday, February 27, 2020 11:21:57 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

Chemours continues to put its bottom line above the health and safety of North Carolinians. The proposed plan put forward by Chemours leaves communities at risk.

Please make Chemours do the right thing.

Arturo Ciompi
2423 W Club Blvd
Durham, NC 27705-3124

From: [Evan McMorran](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:21:40 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Evan McMorran
13000 So. Tryon #F-372
Charlotte, NC 28278

From: [Casandra Dahl](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:20:53 AM

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Dear Department of Environmental Quality,

After years of dumping toxins in NC waters, the culprit wants to get off easy. PFAs are frightening chemicals and will cause untold harm to all life, including humans. It is unconscionable!

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Casandra Dahl
1033 Vestavia Woods Dr
Raleigh, NC 27615

From: [Argelia Zajia](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:20:52 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Argelia Zajia
1325 Ivy Meadow Dr
Charlotte, NC 28213-9009

From: [Erin Turner](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:20:51 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Erin Turner
5106 Indian Trail Fairview Rd
Indian Trail, NC 28079-8519

From: [Erika Wilhite](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:20:26 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Erika Wilhite
1603 BONAVENTURE ROAD
GREENSBORO, NC 27408

From: [John Godfrey](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:20:24 AM

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Dear Department of Environmental Quality,

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

John Godfrey
709 Montville Ct
Wake Forest, NC 27587-2461

From: [Martia Rachman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:20:23 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Martia Rachman
109 1st St
Black Mountain, NC 28711

From: [RICHAR WHEELER](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:20:22 AM

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Dear Department of Environmental Quality,

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

RICHAR WHEELER
1411 Greenfield Rd NW
Supply, NC 28462

From: [Constance Shrecengost](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:20:21 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Constance Shrecengost
324 Crerkview Dr
Hampstead, NC 28443

From: [C. Warren Pope](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:19:48 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

C. Warren Pope
12 Mountain Site Ln Ext
Asheville, NC 28803-2195

From: [Mangalore Pai](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:19:46 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Mangalore Pai
104 Croatan Cir
Cary, NC 27513-5167

From: [Olga Bushel](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:19:45 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Olga Bushel
207 Firetree Ln
Cary, NC 27513-5644

From: [Lawrence East](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:19:44 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Lawrence East
329 Richlands Ave Apt 8
Jacksonville, NC 28540

From: [Diane Carre](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:19:43 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Diane Carre
4305 Smoke Mont Dr Apt 208
Charlotte, NC 28273-4099

From: [Nina Fischesser](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:19:29 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Nina Fischesser
6995 Skyland Rd
Banner Elk, NC 28604

From: [Patrick O'Brien](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:19:08 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Patrick O'Brien
9810 Spring Harvest Dr
Mint Hill, NC 28227

From: [Catherine Rafferty](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:19:08 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

My parents moved from Cincinnati OH to Wilmington NC with GE in 1965. We had always trusted that our (the public's) water safety was not an issue. It is horrifying to realize the extent to which we have been betrayed. Therefore I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities, i.e. Wilmington. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours be held accountable and pursue a FULL cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Sincerely, Catherine Rafferty

Catherine Rafferty
708 Royal Bonnet Dr
Wilmington, NC 28405-8309

From: [Lucy Tyndall](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:18:27 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Lucy Tyndall
2958 Caldwell Ridge Pkwy
Charlotte, NC 28213-5888

From: [Rita Dixon](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:16:17 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

How many Chemours execs live in the area affected? Would they want to? These are real people who need protection. They are not numbers. They have families and lives. It is your duty to protect the people of this state to the best of your ability. Please do your job!!!

Rita Dixon
9830 Darby Creek Ave NW
Concord, NC 28027-8212

From: [Craig Collins](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:16:17 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Craig Collins
3247 Anderson Dr
Winston Salem, NC 27127-4804

From: [James DeGrave](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:16:14 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution. It is shameful that they got away with this contamination in the first place, but now the least they can do is to remediate the mess they've created.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

James DeGrave
35 Yorktown Cir, Address 2
Arden, NC 28704

From: [Nancy Yarosis](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:14:04 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Nancy Yarosis
2375 Godwin Lake Road
Benson, NC 27504

From: [Michael Breiner](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:14:04 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Michael Breiner
14 Pleasant Hill Dr
Brevard, NC 28712-9736

From: [Tina Vazquez](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:14:02 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Tina Vazquez
50 Compass Park Dr
Weaverville, NC 28787-4517

From: [David Marshall](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:14:02 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

David Marshall
930 W Warren St
Shelby, NC 28150-5025

From: [Jim Reed](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:13:34 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Jim Reed
179 Glade Rd
Mills River, NC 28759-8514

From: [Denise Westbrook](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:13:34 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Denise Westbrook
1922 Carmel Ridge Rd
Charlotte, NC 28226

From: [Liz Fischer](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] We'll pay for this with our health - Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:12:56 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Liz Fischer
417 N. Blount Street
Raleigh, NC 27601

From: [Thomas Kent](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:10:24 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Thomas Kent
221 Riggs rd lot 79
HUBERT, NC 28539

From: [Jonathan Van Horn](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:10:24 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Jonathan Van Horn
345 Collingswood Dr.
Winston Salem, NC 27127

From: [Jane Rose](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:10:08 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Jane Rose
613 Mill Run Rd
Greenville, NC 27834-6125

From: [Don Clapp](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:10:07 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Don Clapp
567 Greenville St
Saluda, NC 28773-9780

From: [candace l](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:10:06 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

candace l
3311 Marie Dr
Raleigh, NC 27604-3619

From: [David Flora](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:10:04 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

David Flora
550 Carolina Meadows Villa
Chapel Hill, NC 27517-5700

From: [Michelle Kearney](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:10:03 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Michelle Kearney
10315 Evergreen Spring Pl
Raleigh, NC 27614-8083

From: [Darrion Smith](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:09:45 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Darrion Smith
738 Big Twig Ln
Durham, NC 27703-3391

From: [JENNFER ANDERS](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:09:35 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

JENNFER ANDERS
221 WICCAON ROAD
COFIELD, NC 27922

From: [Deborah Andrews](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:09:33 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Deborah Andrews
317 Queens Ferry Lane
Clayton, NC 27520

From: [Tanesha Jackson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:08:08 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Tanesha Jackson
8705 Parkland Cir
Charlotte, NC 28227-2214

From: [Joann Green](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:08:02 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Joann Green
129 Delterra Dr
Youngsville, NC 27596-9651

From: [Linda Brown](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:08:01 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Linda Brown
116 Woodbridge Ln
Chapel Hill, NC 27514-1831

From: [Max Drake](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:08:00 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Max Drake
1050 Beaver Dam Rd
Chapel Hill, NC 27517-8903

From: [Charlene Knop](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:08:00 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Charlene Knop
9307 Raintree Ln
Charlotte, NC 28277-9878

From: [Justin Landry](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:07:35 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Justin Landry
119 Chestnut Pl
Arden, NC 28704

From: [Donna Pellett](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:07:34 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Donna Pellett
5578 Pinebrook Ln
Winston Salem, NC 27105-1706

From: [Peggy Wilson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:07:34 AM

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The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Peggy Wilson
640 Hogan Farm Rd
Apex, NC 27523

From: [Susan Russell](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:07:33 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Susan Russell
8003 Wagmont Dr
Browns Summit, NC 27214-9023

From: [Johanna Gisladdottir](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:07:33 AM

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Johanna Gisladdottir
400 Booth Rd
Chapel Hill, NC 27516-9654

From: [Richard Moseley](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:07:31 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Richard Moseley
74 Elkwood Ave
Asheville, NC 28804

From: [Michael Gora](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:07:31 AM

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Michael Gora
384 Windy Ridge Ln
Hayesville, NC 28904-7068

From: [Nancy O'Dell](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:07:29 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Nancy O'Dell
61 Redmond Rd
Murphy, NC 28906

From: [Billy Cummings](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:07:08 AM

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Dear Department of Environmental Quality,

I'm EXTREMELY disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Do the right thing! Stop this corporate rape of our river and communities!!!

Billy Cummings
336 E Perry Rd
Pittsboro, NC 27312-9243

From: [Karen Niehans](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:07:07 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Karen Niehans
130 Thora Dr
Jamestown, NC 27282

From: [Diana Bledsoe](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:07:06 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Diana Bledsoe
410 Orchard View Dr Apt G
Franklin, NC 28734-7304

From: [Susan Inglis](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:07:04 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Susan Inglis
8 Dogwood Acres Dr
Chapel Hill, NC 27516

From: [Earlene Gentry](#)
To: [SVC_DENR_publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:07:04 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

Our small rural neighborhoods are battling enough with private citizens who are harming the environment (piles of tires and rusty old cars within sight of my own home!) so we depend on our governmental authorities to take care of large issues like Chemours. Please take strong action for this needed cleanup.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Earlene Gentry
10620 Nc Highway 700
Pelham, NC 27311-8150

From: [Nancy Kondracki](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:07:03 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Nancy Kondracki
5211 Flintrock Ct
Greensboro, NC 27455-1377

From: [Micah Moody](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:07:02 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Micah Moody
6121 Hedgecock Cir Apt 2D
High Point, NC 27265-2639

From: [Samantha Hinson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:06:58 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Samantha Hinson
142 Hill Lane Rd
Eure, NC 27935-9698

From: [Sally Rogers](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:06:57 AM

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Dear Department of Environmental Quality,

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Sally Rogers
PO Box 48
Penland, NC 28765-0048

From: [Betsy Cooper](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:06:31 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Betsy Cooper
1953 Covington Rd
King, NC 27021-7628

From: [Leroy Werley](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:06:15 AM

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Dear Department of Environmental Quality,

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Leroy Werley
683 Mill Rd
Hamlet, NC 28345-6335

From: [elizabeth.spragins](mailto:elizabeth.spragins@nc.gov)
To: [SVC_DENR.publiccomments](mailto:SVC_DENR.publiccomments@nc.gov)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:06:09 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

elizabeth.spragins
55 Covewood Rd
Asheville, NC 28805

From: [Lisa Regalado](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:06:08 AM

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Dear Department of Environmental Quality,

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Lisa Regalado
134 Tifton Circle
Cape Carteret, NC 28584

From: [Susan Hooton](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:04:13 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Chemours should be paying for the hugely expensive water filtration systems that are now required in New Hanover County.

Susan Hooton
802 Johns Orchard Ln
Wilmington, NC 28411-9664

From: [James Lovejoy](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:03:51 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

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James Lovejoy
9605 Kingsford Dr
Cary, NC 27518-1554

From: [April Wilson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:03:45 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

April Wilson
1704 Sorrell Brook Way
Raleigh, NC 27609-5096

From: [Nancy Brown](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:03:44 AM

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Dear Department of Environmental Quality,

As a concerned American, a grandmother and North Carolinian, I am writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Nancy Brown
48 Elijah Hall Rd., PO Box 1548
Black Mountain, NC 28711

From: [Madeline Perkins](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:03:42 AM

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Dear Department of Environmental Quality,

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The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Madeline Perkins
1644 Greasy Creek Rd
Bakersville, NC 28705-7488

From: [Jacklene Spector](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:03:41 AM

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Dear Department of Environmental Quality,

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Jacklene Spector
402 Dover Church Rd
Mount Airy, NC 27030-7676

From: [Rebecca Pritchard](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:03:34 AM

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Dear Department of Environmental Quality,

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River. I am just disgusted with the situation. Chemours clean up your mess . Our wells are contaminated and who knows what medical problems it has caused. I would like for Chemours to install a reverse osmosis on my well , and I will not be responsible for any monies involved. This is all your fault and you should be charged with expenses incurred. Rebecca Pritchard

Rebecca Pritchard
2692 mcfayden road
fayetteville, NC 28306

From: [Russell Fowler](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:03:32 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Russell Fowler
520 Harvest Pl
Swansboro, NC 28584-9131

From: [Jessica Melchiors](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:03:29 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Jessica Melchiors
205 Pocono Lane
CARY, NC 27513

From: [Eli Celli](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:03:27 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Eli Celli
407 Legends Way
Chapel Hill, NC 27516-4371

From: [Jeffrey Nicolaisen](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:03:22 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Jeffrey Nicolaisen
2528 Perkins Rd
Durham, NC 27705-1020

From: [Lynn Lundgren](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:03:21 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Lynn Lundgren
258 Mangia Dr
Wake Forest, NC 27587-3026

From: [Rachel Schroeder](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:00:57 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Rachel Schroeder
6229 Wrightsville Ave Apt K
Wilmington, NC 28403

From: [Carolyn Grove](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:00:20 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Carolyn Grove
1016 Cordgrass Ln
Leland, NC 28451

From: [Allyson Dunn](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:00:19 AM

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Dear Department of Environmental Quality,

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Allyson Dunn
1114 Matteo Dr
Wilmington, NC 28412

From: [Fawn Barker](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:00:14 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. I became very ill when I moved to North Carolina in 2008. I knew it had something to do with North Carolina, because when I went back to Indiana for three months my symptoms subsided. PFAS causes thyroid disease, NC has the highest levels in the country, and guess what I have... Thyroid disease. Go figure. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Fawn Barker
45 William Bethune Court
Linden, NC 28356

From: [ShaLeigh Fairbanks](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 11:00:14 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

ShaLeigh Fairbanks
2120 Becky Dr
Bahama, NC 27503-9213

From: [dan troxel](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 11:00:13 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

dan troxel
146 Rowland Creek Rd
Moyock, NC 27958-8735

From: [Nadine Duckworth](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 11:00:13 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Nadine Duckworth
804 Deal Farm Ln
Taylorsville, NC 28681

From: [Amanda Morgan](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 10:57:18 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Amanda Morgan
105 Mishoe Road
Castle Hayne, NC 28429

From: [Christine Massey](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 10:57:16 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Christine Massey
1813 Nuthatch Rd
Fayetteville, NC 28304-4773

From: [Maya Schultz](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 10:57:15 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Maya Schultz
118 Bretonshire Road
Wilmington, NC 28405

From: [Thomas Struhsaker](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 10:57:10 AM

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Dear Department of Environmental Quality,

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Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Thomas Struhsaker
2953 Welcome Dr
Durham, NC 27705-5555

From: [Randall Dail, Jr.](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 10:57:09 AM

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Randall Dail, Jr.
495 River Bluff Dr Unit 3
Shallotte, NC 28470-5894

From: [Keith Levene](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 10:57:08 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Keith Levene
108 W Edgewood Dr
Durham, NC 27704-3120

From: [Rick Savage](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 10:57:07 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Rick Savage
101 Bonner Ct
Cary, NC 27511-5768

From: [Leesa Hilty](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 10:54:18 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Leesa Hilty
5911 Oleander Dr
Wilmington, NC 28403

From: [carol.fordon](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 10:54:16 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

carol.fordon
7313 Featherstone Ct
Wilmington, NC 28411

From: [William St. George](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 10:54:15 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

William St. George
2217 Camellia Dr.
Wilmington, NC 28403

From: [Nicole Deluca](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 10:54:15 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Nicole Deluca
6102 Chilcot Ln
Wilmington, NC 28409-2064

From: [Diane Boecke](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 10:54:06 AM

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Dear Department of Environmental Quality,

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Diane Boecke
600 Kennedy Dr
Southport, NC 28461-9675

From: [Johnette Fields](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 10:51:15 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Children are taught that if they make a mess, they should clean it up. It's the responsible thing to do. Chemours should step and do the right thing!

Johnette Fields
3206 Graylyn Ter
Wilmington, NC 28411-4748

From: [Caroline Wheeler](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 10:51:13 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Caroline Wheeler
1176 South Brook Rd
Winnabow, NC 28479-5764

From: [Lee Tinney](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 10:51:12 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Lee Tinney
515 McEachern Ct
Wilmington, NC 28412-7197

From: [Amanda Brewer](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Re: Chemours' inadequate plan
Date: Thursday, February 27, 2020 10:48:22 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Amanda Brewer
735 Ann Rd
Orrum, NC 28369-9758

From: [Terri Lefler](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 10:48:18 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk. We should not be forced to settle for polluted water and the associated health risks!!!

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Terri Lefler
2318 Wrightsville Ave # 111
Wilmington, NC 28403-2450

From: [Trisha McFeeters-Browne](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 10:48:10 AM

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Dear Department of Environmental Quality,

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Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Trisha McFeeters-Browne
214 Bedford Rd
Wilmington, NC 28411

From: [Kevin Duffy](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments for Chemours and GenX
Date: Thursday, February 27, 2020 10:45:13 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Kevin Duffy
8050 Rachel Wynd Rd NE
Leland, NC 28451-7583

From: [Alex Holenko](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 10:45:11 AM

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Dear Department of Environmental Quality,

I'm very concerned about PFAS in drinking water and urge DEQ to require Chemours to do a full cleanup of soil and groundwater contamination. Even residents who have had filtration systems installed are not fully protected from contaminated groundwater if they do not have full-home filtration systems. Further, PFAS in the soil can expose community members through other pathways than drinking water, including fruits and vegetables grown in local gardens.

The community needs a complete cleanup, and it is Chemours' responsibility to provide it. I urge DEQ to reject Chemours' self-serving proposal and require a full cleanup.

Alex Holenko
19 Brassie Dr
Carolina Shores, NC 28467-2527

From: [Nancy Zora](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 10:42:12 AM

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Dear Department of Environmental Quality,

I'm disappointed to see that Chemours continues to put its bottom line above the health and safety of North Carolinians living near and downstream of their facility in the Fayetteville area. The proposed plan put forward by Chemours is not adequate and leaves communities at risk.

Please make Chemours clean up their pollution, block PFAS in groundwater from discharging into the Cape Fear, and stop burdening families with continued exposure and health risks. The company should be held fully accountable for the costs associated with the cleanup of their own pollution and damages.

Nancy Zora
381 Darlington Ave Unit 303
Wilmington, NC 28403-1333

From: [Brittany Iery](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comments on Chemours Corrective Action Plan
Date: Thursday, February 27, 2020 9:40:05 AM

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Dear Department of Environmental Quality,

I'm writing to urge the NC Department of Environmental Quality to make Chemours halt the discharge of all PFAS into the Cape Fear River. The river is a drinking source for downstream communities. Residents in the river basin have been exposed to high concentrations of PFAS for decades. There is no safe level for continued exposure and Chemours must cutoff their pollution.

Please protect our drinking water by demanding that Chemours pursue a full cleanup of its contamination, including halting the release of PFAS-laden groundwater into the Cape Fear River.

Brittany Iery
1116 Holburn Pl
Raleigh, NC 27610

From: [Gail Woods](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Plan
Date: Thursday, February 27, 2020 1:31:23 AM

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- 1.) Chemours has polluted **45,000 acres** of groundwater with toxic chemicals and poisoned the public and water supplies for decades, yet now it proposes to avoid paying what's needed to protect people and our communities.
- 2.) Chemours' plan would leave highly contaminated groundwater at the site and do little to stop pollution from leaking into people's wells and into rivers and streams.
- 3.) DEQ must ensure that Chemours—not families nearby and downstream communities—pays the costs to clean up its pollution.
- 4.) Let DEQ know that Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which this proposed plan fails to do.

Gail Woods
Chapel Hill, NC

From: [Tiffany Erichsen](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Groundwater Plan
Date: Wednesday, February 26, 2020 9:57:17 PM

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Chemours has polluted 45,000 acres of groundwater with toxic chemicals and poisoned the public and water supplies for decades to come. Chemours must be held **accountable** and be **required to pay** the cost of cleaning up its pollution.

Chemours groundwater plan allows them to avoid paying what's needed to protect people and our communities. Their plan would leave highly contaminated groundwater at the site and do little to stop pollution from leaking into people's wells and into rivers and streams. Chemours' proposed plan fails to protect the health of the people of NC.

North Carolinians depend on DEQ to ensure our quality of life. As stewards of NC's environmental resources, it is imperative that DEQ ensure that Chemours—not families nearby and downstream communities—pays the costs to clean up its pollution. DEQ has an obligation to put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities at the forefront and provide us with the protection we deserve.

--

Tiffany R. Erichsen, MSW, MPA

From: [Ryan](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Hold Chemours Responsible.
Date: Wednesday, February 26, 2020 9:10:58 PM

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The fact that a company can get away with polluting local communities water in the name of a profit is appalling. What's worse is that when the pollutants are found it is the community that is expected to should the cost to build a suitable filtration plant. It's time to hold these big companies accountable. It is disgusting to think that our community is being poisoned. I have two young daughters and I hate the fact that we have to live in fear of them taking a sip of water. Let take proactive steps to do the right thing.

Ryan Maloney

From: [Matthew McClure](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Blunder
Date: Wednesday, February 26, 2020 6:23:07 PM

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The pollution of our watershed was FAR from an accident. It is Blatantly obvious the company understood they were contaminating our drinking water. Living near the cape fear, My families water is contaminated and we have been consuming these chemicals for over 10 years. If you're not going to hold the company FULLY accountable and ensure they clean up the mess they have made; I would at the VERY LEAST expect some sort of explanation as to WHY not.

From: [Andrew Marhevsky](#)
To: [SVC_DENR.publiccomments](#)
Cc: [Dana Sargent](#)
Subject: [External] Cafe Fear River and Chemours
Date: Wednesday, February 26, 2020 3:53:02 PM

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Department of Environmental Quality,

We live in Wilmington, North Carolina and obtain our drinking water from the Cape Fear River. We depend upon that water and we depend on state and federal organizations to protect our water supply. We are writing to urge your support to ensure that The Chemours Company ceases dumping chemicals into the river and pays to clean up the river and surrounding area.

- 1.) Chemours has polluted **45,000 acres** of groundwater with toxic chemicals and poisoned the public and water supplies for decades, yet now it proposes to avoid paying what's needed to protect people and our communities.

- 2.) Chemours' plan would leave highly contaminated groundwater at the site and do little to stop pollution from leaking into people's wells and into rivers and streams.

- 3.) DEQ must ensure that Chemours—not families nearby and downstream communities, pay the cost of the clean up.

Thank you,

Connie & Andy Marhevsky
5017 Dockside Drive
Wilmington, NC 28409

From: [Cynelsa Broderick](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours corrective action plan does not go far enough
Date: Wednesday, February 26, 2020 3:48:35 PM

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Hi!

I am writing to express my feelings towards Chemours. They need to put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line when it comes to PFAS.

--

Cynelsa Broderick
Operations & Administrative Coordinator
SEEDS

She|Her|Hers

[919-683-1197](tel:919-683-1197) x 1
www.seedsnc.org
[706 Gilbert Street](#)
[Durham, NC 27701](#)

SEEDS develops the capacity of young people
to respect life, the earth and each other
through growing, cooking, and sharing food.

From: [Yndiana Montes](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours
Date: Wednesday, February 26, 2020 3:14:23 PM

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Good afternoon,
The pollution of our groundwater deserves all the attention. Is Chemours paying for all the damage they have produced?
Sincerely,

YNDIANA MONTES

Cellular phone (910) 4706622

Home office: (910)4706622

<https://www.instagram.com/solocaribe/>

www.linkedin.com/in/yndianamontes

From: [Wendie Schneider](#)
To: [SVC_DENR_publiccomments](#)
Subject: [External] Public Comments on Chemours
Date: Wednesday, February 26, 2020 1:23:51 PM

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Please consider the following items in making your decision regarding Chemours responsibility for polluting our air and water:

- 1.) Chemours has polluted **45,000 acres** of groundwater with toxic chemicals and poisoned the public and water supplies for decades, yet now it proposes to avoid paying what's needed to protect people and our communities.
- 2.) Chemours' plan would leave highly contaminated groundwater at the site and do little to stop pollution from leaking into people's wells and into rivers and streams.
- 3.) DEQ must ensure that Chemours—not families nearby and downstream communities—pays the costs to clean up its pollution.
- 4.) Let DEQ know that Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which this proposed plan fails to do.

Wendie Schneider
120 Church St
Wilmington NC 28401

From: joe.cranford
To: SVC_DENR.publiccomments
Subject: [External] Chemours
Date: Wednesday, February 26, 2020 12:24:06 PM

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We live in a wonderful, beautiful community of Belville, NC in Brunswick County. We live less than a mile from Belville Elementary School - the school with the most polluted water in the state. We need Chemours and other offenders to make this situation right.

Thank You,

Joe Cranford
520 Southampton Pl.
Belville, NC 28451

226-455-2619

joedcranford333@aol.com

From: [Alex Dunshee](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] On Chemours Cleanup
Date: Wednesday, February 26, 2020 9:01:51 AM

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Simply put ...if you make a mess clean it up...this is on Chemours to clean up! They poisoned God knows how many people; they caused God knows how much damage to our eco system! If they don't want to do it then they must be forced or made to pay the communities citizens who are forced to clean it up! Regardless of any law it is the right thing to do!

From: [Stephenie Maxwell](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Clean water
Date: Wednesday, February 26, 2020 8:46:47 AM

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To whom it may concern,

As a resident of Fayetteville NC and a small business owner the lack of concern you have for our community with pollution created by Chemours that has lead to polluted and contaminated water, and soil is incomprehensible. I am discouraged by the slow response and lack of full responsibility the Chemours owners and state are taking. We should not have to worry about clean drinking water and soil contamination in this day and age. Please be responsible and start caring for the people in this community and clean up this poison.

Sincerely,
Concerned & Disappointed

Sent from my iPhone

From: [Lynn Anderson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours
Date: Wednesday, February 26, 2020 12:40:22 AM

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Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which their proposed plan fails to do.

Lynn Anderson (910) 512-4608
Lmanderson2810@gmail.com

From: [rose gibbs](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours disastrous to our waters
Date: Tuesday, February 25, 2020 7:39:47 PM

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You MUST clean our waters. Lawsuits will be rampant. You know the problem. You know the danger. You know the culprit. Get off your asses and fix it NOW

Sent from my iPhone

From: [Katie Monroe](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Major Concern
Date: Tuesday, February 25, 2020 6:27:04 PM

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It says so little about the integrity as a company not to be concerned about the millions of households and Individuals you are affecting on a daily basis in Southeastern NC.

It is your responsibility as a company to

Clean up the water and provide households in the area with reverse osmosis systems, not bottled water for the short term.

You are the same company that polluted the waters in WV, why in Creation were you allowed to move here and bring your chemicals with you? Someone must have collected a nice check from that decision !

Do the right thing for all involved and clean up your act so that we may have clean water!

From: [Sara Kane](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours
Date: Tuesday, February 25, 2020 4:13:40 PM

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Chemours needs to be made to stop poisoning the community and be responsible for their own clean-up.

--

Sara Ruth Kane, L.Ac., M.Ac.
(919) 337-7645

From: [Jessica DeGolyer](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Needs to Be Held Accountable
Date: Tuesday, February 25, 2020 2:48:35 PM

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NCDENR,

Chemours needs to be held accountable for knowingly placing their facility where they did as well as knowingly releasing compounds that caused illness to the citizens of North Carolina. The job of the NCDENR is to protect the health of people and the environment and enforce the laws not the success of corporations. The local community as well as the nation as a whole is watching this issue very closely. Chemours needs to be held responsible for cleaning up their existing contamination. The time has come when government agencies need to stand up to corporate interests and take a stand against this kind of reckless pollution.

Jessica DeGolyer

From: [Don Bauernfeind](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours COMMENTS
Date: Tuesday, February 25, 2020 10:39:23 AM

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Dear DEQ:

As new citizens to North Carolina, We are appalled at what Chemours has done to North Carolina and it's citizens. They must ensure that all downstream wells get a reverse osmosis systems period.

- **Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which its proposed plan fails to do.**
- **DEQ must ensure that Chemours—not families nearby and downstream communities already burdened by exposure and health risks—pays the costs to clean up its pollution.**
- **DEQ know that, with 45,000 acres of polluted, leaking groundwater, Chemours' plan will not clean up the problem and will leave our communities, drinking water, and the Cape Fear River at risk.**
- **DEQ should increase the level of testing drinking water and test ocean wildlife near the Cape Fear delta for Chemours chemicals.**

Sincerely

**Donald and Susan Bauernfeind
3707 Pepperbush Dr
Saint James, NC 28461**

From: [Erin Killeen](mailto:Erin.Killeen@nc.gov)
To: [SVC_DENR.publiccomments](mailto:SVC_DENR.publiccomments@nc.gov)
Subject: [External] Chemours must clean up polluted water!
Date: Tuesday, February 25, 2020 9:05:28 AM

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I just bought my new home in Southport and am alarmed and upset at the poor quality of the water and sadly did not know how terrible the problem was . Please do something!!!!

- **t DEQ know that Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which its proposed plan fails to do.**
- **DEQ must ensure that Chemours—not families nearby and downstream communities already burdened by exposure and health risks—pays the costs to clean up its pollution.**
- **Let DEQ know that, with 45,000 acres of polluted, leaking groundwater, Chemours' plan will not clean up the problem and will leave our communities, drinking water, and the Cape Fear River at risk.**

Please help us ! We can't do it ourselves and we need you to make these people accountable! Thank you!!

Erin Killeen

From: [David Thomas](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours settlement
Date: Tuesday, February 25, 2020 4:11:42 AM

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Please:

- 1) Hold Chemours financially responsible for making sure our drinking water is not contaminated with their products.
- 2) Mandate that the prevent further contamination of our surface water and our aquifers.

Thank you,
David Thomas
Wilmington, NC

Sent from my iPad

From: [Elizabeth Andrews](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours
Date: Tuesday, February 25, 2020 3:52:32 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Please require that Chemours properly clean up the areas that they have polluted. Too much of the water is unsafe in North Carolina. I now buy drinking water and dislike having this extra expense and inconvenience when I am paying for water but it is not safe to drink. Thank you.

Sent from my iPhone

From: [CAROLINE BALDWIN](#)
To: [SVC_DENR.publiccomments](#)
Cc: [Carol Baldwin](#)
Subject: [External] Chemours
Date: Tuesday, February 25, 2020 12:23:53 AM

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- **Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which its proposed plan fails to do.**
- **Chemours—not families nearby and downstream communities already burdened by exposure and health risks—pays the costs to clean up its pollution.**
- **And with 45,000 acres of polluted, leaking groundwater, Chemours' plan will not clean up the problem and will leave our communities, drinking water, and the Cape Fear River at risk.**

Sent from my iPhone

From: [Bridget Tarrant](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Make Chemours clean up their mess! North Carolinians deserve clean water
Date: Monday, February 24, 2020 11:27:11 PM

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As a concerned citizen of North Carolina who relies on the Cape Fear River for my drinking water I ask that you ensure that Chemours pays the cost to clean up its pollution.

Chemours is responsible for 45,000 acres of polluted, leaking groundwater and their plan does NOT clean up the problem. This will leave our communities, drinking water and the Cape Fear River at risk.

Chemours must put the health of North Carolinians living near the facility, the Cape Fear River and downstream communities ahead of its bottom line.

Chemours current plan is inadequate to address the proper clean up and the DEQ must ensure that Chemours develops a new plan that will appropriately clean up the mess they have made!

Thank you for holding the polluters responsible,

Bridget Tarrant
111 S 9th St
Wilmington, NC 28401

From: [Jack Figari](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Pollution
Date: Monday, February 24, 2020 9:20:49 PM

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As a resident of Brunswick County it's very upsetting that Chemours has been allowed to continue polluting our water supply for so long, has not remediated the situation and has put forward a proposal that falls short of what is required.

- **Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which its proposed plan fails to do.**
- **Chemours—not families nearby and downstream communities already burdened by exposure and health risks—must pay the costs to clean up its pollution.**
- **With 45,000 acres of polluted, leaking groundwater, Chemours' plan will not clean up the problem and will leave our communities, drinking water, and the Cape Fear River at risk.**

Please make sure that Chemours is held accountable to do what is right.

Thank you,
Jack Figari

Sent from my iPad

From: [Thomas Markuszka](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours
Date: Monday, February 24, 2020 8:21:29 PM

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Why is a state agency with the sole purpose of protecting the public not doing their job? How can a company continue to break both state law and a consent order without strong penalties? Retroactively fine the company and close it down unless they comply immediately.

Tom Markuszka
313B East Brown Street
Southport, NC

Sent from my iPad

From: [Carol Axness](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Clean water is our right
Date: Monday, February 24, 2020 8:16:06 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

As a new resident of North Carolina, I find the continued pollution of the Cape Fear River to be deplorable. The Chemours plant has irreparably contaminated the drinking water of the residents of this region. Studies have shown increases in specific cancers and the future of our children's health is at risk. The company has shown a complete disregard for the health of NC citizens and this must be stopped. Please hold them responsible and accountable in the strictest way possible-preferably through the closure of this facility!

- **Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which its proposed plan fails to do.**
- **DEQ must ensure that Chemours—not families nearby and downstream communities already burdened by exposure and health risks—pays the costs to clean up its pollution.**
- **Let DEQ know that, with 45,000 acres of polluted, leaking groundwater, Chemours' plan will not clean up the problem and will leave our communities, drinking water, and the Cape Fear River at risk.**

Carol Axness
Sent from my iPad

From: pvangalder@nc.rr.com
To: [SVC_DENR_publiccomments](#)
Subject: [External] Chemours/Dupont non-compliance
Date: Monday, February 24, 2020 7:49:58 PM
Attachments: [Non-Concurrence with Corrective Action Plan \(1\).docx](#)

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Letter attached.

James and Phyllis VanGalder

6861 County Place Drive

Hope Mills, NC 28348

Please see attached letter.

From:
James and Phyllis VanGalder
6861 County Place Drive
[Hope Mills, NC 28348](http://www.hopemillsnc.com)
sgmvan@nc.rr.com

pvangalder@nc.rr.com

To: Department of Environmental Quality

Secretary Michael Regan

RE: Written Non-Concurrence to the proposed Groundwater Corrective Action Plan 1601

Mail Service Center

Raleigh, N.C. 27699-1601

publiccomments@ncdenr.gov

Subject: Public Comment to the proposed Groundwater Corrective Action Plan

1. I am one of the “affected parties: per 15A NCAC 02L .0202(c) and § 143-215.2A. (Relief for contaminated private drinking water wells). **I DO NOT CONCUR** with the Corrective Action Plan (CAP) as written. I am providing my non-concurrence IAW 15A NCAC 02L .0106(k) (3) and provide my written notification to the Secretary of DEQ and Governor of the State of North Carolina. I demand equal treatment under the laws of North Carolina and demand Secretary Regan force Chemours and/or Dupont to provide a Permanent Solutions for all wells found to be contaminated in exceedance of NC Groundwater Standards listed in 15A NCAC 02L .0202. It is the belief that § 143-215.2A, which was enacted in June 2018 and became a State Statute can still be used to force Chemours and/or Dupont to run water at their expense. Paragraph 34 utilized the verbiage Session Law 2018-5 Sec 13.1(c) when it was signed and enacted in February 2019 over 8 months after § 143-215.2A had been enacted as a State Law. Referring to it as Session Law 2018-5 Sec 13.1 (c) thus makes the limitations that DEQ attempted to place on the use of § 143-215.2A invalid. Since the enactment of the Consent Order Chemours has been in violation in all testing of wells as they are not testing for all chemicals agreed upon in Attachment C as both **PFMOPrA (Perfluoro-3- methoxypropanoic acid) & PFMOBA (Perfluoro-4- methoxybutanoic acid)** are not tested for. GEL Labs can test for these two compounds as they are tested for during NC DEQ testing of wells.
2. As an adjacent property owner IAW the requirements of 15A NCAC 02L .0106(k)(3) **I DO NOT consent** to the **proposed Corrective Action Plan**. It is required by the provisions of 15A NCAC 02L .0106(k)(3) to gain approval of the property owners for the Corrective Action Plan that was submitted for the Chemours i.e. the Fayetteville Works Facility (Geosyntec Project Number TR0795). To date not one property owner that has been requested to provide consent. Unless Chemours and/or Dupont provides equal solutions for all “affected parties” i.e. anybody with a Well that has been found to have any PFAS contamination from the Fayetteville Works Facility (not limited to Attachment C of the consent order) in the means of a Whole Home Solution be it Granular Activated Carbon Systems or Public Water. **I nonconcur with the Corrective Action Plan. Chemours & Dupont cannot be permitted to contaminate our groundwater wells, soil and vegetation without being required to remediate**

what they have damaged or a Permanent whole home water solution. Cost to remediate or Public water should be the only feasible solution regardless of costs i.e. the \$75K DEQ imposed limit.

3. 15A NCAC 02L .0106(k)(3) is very clear and it states:

15A NCAC 02L .0106(k)(3) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the availability of public water supplies for the affected area; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph. The person making the request shall demonstrate:

- (1) that all sources of contamination and free product have been removed or controlled pursuant to Paragraph (f) of this Rule;
- (2) that the time and direction of contaminant travel can be predicted with reasonable certainty;
- (3) that contaminants have not and will not migrate onto adjacent properties, or that:
 - (A) such properties are served by an existing public water supply system dependent on surface waters or hydraulically isolated groundwater; or
 - (B) the owners of such properties have consented in writing to the request;

4. There is still contamination in our trees specifically pine type trees and our soil that Chemours has no intention of remediating. This will continue to have pass through contamination caused by rainfall passing thru the vegetation. As such (1) will not be achieved and neither will (2) above. Contaminants have migrated off of the Fayetteville Works Facility to the adjacent properties as far as 11 miles from the center of the facility covering an area in excess of 125 square miles and growing. All properties could be provided public water supply IAW 15A NCAC 02L .0106 (k) at far less in cost that the cost to remediate an area over 125 square miles. Of whole home water filtration could be provided to all homes with detection of PFAS in exceedance of the NC Ground Water Quality Standards. Chemours can make the choice to fund billion to tens of billions of dollars of cleanup or millions for providing permanent whole home solutions. I do not consent IAW (3)(B) until Chemours provides that resolution voluntarily or forced by the State.

5. Per 15A NCAC 02L .0106(b) Any person conducting or controlling an activity that results in the discharge of a **waste or hazardous substance** or oil **to the groundwaters** of the State, or in proximity thereto, shall take action upon discovery to terminate and control the discharge, mitigate any hazards resulting from exposure to the pollutants and notify the Department, as defined in 15A NCAC 02C .0102, of the discharge. Chemours and Dupont violated 15A NCAC 02L .0106 (d) Any person conducting or controlling an activity that is conducted under the authority of a permit initially issued by the

Department on or after December 30, 1983 pursuant to G.S. 143-215.1 or G.S. 130A-294 and that results in an increase in concentration of a substance in excess of the standards. This was known by NC DEQ as far back as December 2016 when Chemours delivered the Corrective Measures Study to DEQ. So for

three years Chemours failed to address a Corrective Action Plan, and has only done so to meet a requirement of a Consent Order.

5. IAW 15A NCAC 02L .0106 (k) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the **availability of public water supplies for the affected area**; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph.

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Comply with 2L Rules (CO paragraph 16), including following the policy for the intention of the 2L Rules “to maintain and preserve the quality of the groundwaters, prevent and abate pollution and contamination of the water of the state, protect public health, and permit management of the groundwaters for their best usage by the citizens of North Carolina” (15A NCAC 02L .0103)1; and comply with other requirements of the CO.

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From: wilsherinc@embarqmail.com
To: [SVC_DENR.publiccomments](#)
Subject: [External] Gen X
Date: Monday, February 24, 2020 6:52:49 PM
Attachments: [Scan_0028.pdf](#)

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

From:
Dennis R Williams
2820 Culbreth Road
Fayetteville NC 28312
910-391-2571
wilsherinc@embarqmail.com

To: Department of Environmental Quality

Secretary Michael Regan

RE: Written Non-Concurrence to the proposed Groundwater Corrective Action Plan 1601

Mail Service Center

Raleigh, N.C. 27699-1601

publiccomments@ncdenr.gov

Subject: Public Comment to the proposed Groundwater Corrective Action Plan

1. I am one of the "affected parties: per 15A NCAC 02L .0202(c) and § 143-215.2A. (Relief for contaminated private drinking water wells). **I DO NOT CONCUR** with the Corrective Action Plan (CAP) as written. I am providing my non-concurrence IAW 15A NCAC 02L .0106(k) (3) and provide my written notification to the Secretary of DEQ and Governor of the State of North Carolina. I demand equal treatment under the laws of North Carolina and demand Secretary Regan force Chemours and/or Dupont to provide a Permanent Solutions for all wells found to be contaminated in exceedance of NC Groundwater Standards listed in 15A NCAC 02L .0202. It is the belief that § 143-215.2A, which was enacted in June 2018 and became a State Statute can still be used to force Chemours and/or Dupont to run water at their expense. Paragraph 34 utilized the verbiage Session Law 2018-5 Sec 13.1(c) when it was signed and enacted in February 2019 over 8 months after § 143-215.2A had been enacted as a State Law. Referring to it as Session Law 2018-5 Sec 13.1 (c) thus makes the limitations that DEQ attempted to place on the use of § 143-215.2A invalid. Since the enactment of the Consent Order Chemours has been in violation in all testing of wells as they are not testing for all chemicals agreed upon in Attachment C as both **PFMOPrA (Perfluoro-3- methoxypropanoic acid) & PFMOBA (Perfluoro-4- methoxybutanoic acid)** are not tested for. GEL Labs can test for these two compounds as they are tested for during NC DEQ testing of wells.
2. As an adjacent property owner IAW the requirements of 15A NCAC 02L .0106(k)(3) **I DO NOT consent** to the **proposed Corrective Action Plan**. It is required by the provisions of 15A NCAC 02L .0106(k)(3) to gain approval of the property owners for the Corrective Action Plan that was submitted for the Chemours i.e. the Fayetteville Works Facility (Geosyntec Project Number TR0795). To date not one property owner that has been requested to provide consent. Unless Chemours and/or Dupont provides equal solutions for all "affected parties" i.e. anybody with a Well that has been found to have any PFAS contamination from the Fayetteville Works Facility (not limited to Attachment C of the consent order) in the means of a Whole Home Solution be it Granular Activated Carbon Systems or Public Water. **I nonconcur with the Corrective Action Plan. Chemours & Dupont cannot be permitted to contaminate our groundwater wells, soil and vegetation without being required to remediate**

what they have damaged or a Permanent whole home water solution. Cost to remediate or Public water should be the only feasible solution regardless of costs i.e. the \$75K DEQ imposed limit.

3. 15A NCAC 02L .0106(k)(3) is very clear and it states:

15A NCAC 02L .0106(k)(3) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the availability of public water supplies for the affected area; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph. The person making the request shall demonstrate:

- (1) that all sources of contamination and free product have been removed or controlled pursuant to Paragraph (f) of this Rule;
- (2) that the time and direction of contaminant travel can be predicted with reasonable certainty;
- (3) that contaminants have not and will not migrate onto adjacent properties, or that:
 - (A) such properties are served by an existing public water supply system dependent on surface waters or hydraulically isolated groundwater; or
 - (B) the owners of such properties have consented in writing to the request;

4. There is still contamination in our trees specifically pine type trees and our soil that Chemours has no intention of remediating. This will continue to have pass through contamination caused by rainfall passing thru the vegetation. As such (1) will not be achieved and neither will (2) above. Contaminants have migrated off of the Fayetteville Works Facility to the adjacent properties as far as 11 miles from the center of the facility covering an area in excess of 125 square miles and growing. All properties could be provided public water supply IAW 15A NCAC 02L .0106 (k) at far less in cost that the cost to remediate an area over 125 square miles. Of whole home water filtration could be provided to all homes with detection of PFAS in exceedance of the NC Ground Water Quality Standards. Chemours can make the choice to fund billion to tens of billions of dollars of cleanup or millions for providing permanent whole home solutions. I do not consent IAW (3)(B) until Chemours provides that resolution voluntarily or forced by the State.

5. Per 15A NCAC 02L .0106(b) Any person conducting or controlling an activity that results in the discharge of a **waste** or **hazardous substance** or oil to the groundwaters of the State, or in proximity thereto, shall take action upon discovery to terminate and control the discharge, mitigate any hazards resulting from exposure to the pollutants and notify the Department, as defined in 15A NCAC 02C .0102, of the discharge. Chemours and Dupont violated 15A NCAC 02L .0106 (d) Any person conducting or controlling an activity that is conducted under the authority of a permit initially issued by the

Department on or after December 30, 1983 pursuant to G.S. 143-215.1 or G.S. 130A-294 and that results in an increase in concentration of a substance in excess of the standards. This was known by NC DEQ as far back as December 2016 when Chemours delivered the Corrective Measures Study to DEQ. So for

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From: [Eric Ness](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours GenX Pollution
Date: Monday, February 24, 2020 4:36:45 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

To whom it may concern:

Please investigate the Chemours GenX pollution in the Cape Fear watershed, including the allegations of 45,000 acres of contaminated groundwater. Please also investigate allegations that Chemours has been importing waste from the Netherlands to circumvent European waste handling and disposal restrictions, and demand an accounting of the importation and disposal of any waste products.

Sincerely,
Eric C. Ness
Pittsboro, NC
eric.c.ness@gmail.com

From: [Ja Healey](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Non concurrence action plan
Date: Monday, February 24, 2020 3:55:12 PM
Attachments: [Non-Concurrence with Corrective Action Plan.docx](#)

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Good Afternoon,
Attached you will find my comment on the non concurrence action plan.

From:
Donald and Jo Healey
5338 Chicken Foot Rd
St. Paul's (grays creek)
Wiseknots2@gmail.com

To: Department of Environmental Quality

Secretary Michael Regan

RE: Written Non-Concurrence to the proposed Groundwater Corrective Action Plan 1601

Mail Service Center

Raleigh, N.C. 27699-1601

publiccomments@ncdenr.gov

Subject: Public Comment to the proposed Groundwater Corrective Action Plan

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Response: to Chemours CAP Page xvi

Most all wells tested have multiple Chemicals in the wells. Some as many as 9- 16 yet in documents like this Corrective Action Plan you will see Chemours discussion relate to only HFPO-DA. In the Ground Water Quality Standard of the State of North Carolina under 15A NCAC 02L .0202(b)(2) Where two or more substances exist in combination, the Director shall consider the effects of chemical interactions as determined by the Division of Public Health and may establish maximum concentrations at values less than those established in accordance with Paragraphs (c), (h), or (i) of this Rule. In the absence of information to the contrary, in accordance with Paragraph (d) of this Rule, the carcinogenic risks associated with carcinogens present shall be considered additive and the toxic effects associated with non-carcinogens present shall also be considered additive.

I as an “affected party”: per 15A NCAC 02L .0202(c) and § 143-215.2A (Relief for contaminated private drinking water wells) demand that the Secretary of DEQ and Governor of the State of North Carolina force Chemours and/or Dupont to provide a Permanent Solution for all wells found to be contaminated in exceedance of the NC Groundwater Standards as the remedy for our contaminated wells based on the admission that Chemours has no plan for remediation of our contaminated

properties. Secretary Regan needs to follow NC Groundwater Quality Standards as well as enforce the Consent Order. Failure to do so is a failure to perform the duties of office.

From: [Diane Saullo](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours pollution efforts are inadequate
Date: Monday, February 24, 2020 3:29:07 PM

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Please read below.....

- **Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which its proposed plan fails to do.**
- **DEQ must ensure that Chemours—not families nearby and downstream communities already burdened by exposure and health risks—pays the costs to clean up its pollution.**
- **With 45,000 acres of polluted, leaking groundwater, Chemours’ plan will not clean up the problem and will leave our communities, drinking water, and the Cape Fear River at risk.**

As a tax payer and citizen of Brunswick County our government MUST direct Chemours to CLEAN UP THEIR ACT !!

Diane Saullo
Southport, NC.

Sent from my iPad in St. James, NC.

Sent from my iPad

From: [Alan Snyderman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours pollution
Date: Monday, February 24, 2020 3:23:11 PM

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Please —Let DEQ know that Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which its proposed plan fails to do. DEQ must ensure that Chemours—not families nearby and downstream communities already burdened by exposure and health risks—pays the costs to clean up its pollution. Let DEQ know that, with 45,000 acres of polluted, leaking groundwater, Chemours’ plan will not clean up the problem and will leave our communities, drinking water, and the Cape Fear River at risk.

Alan & Traci Snyderman
2909 Legends Drive
Southport, NC 28461

Thanks

Sent from my iPhone

From: [Bev and Ed](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours
Date: Monday, February 24, 2020 1:41:40 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

We moved to the Wilmington (Leland) area less than 2 years ago from Northern Virginia to be close to family here. While our home was under construction during the prior year, GenX and Chemours hit the news. Too late for us to change our plans. Now the news here is about political issues surrounding reverse osmosis plants to provide clean water for us locally. Citizens of NC depend on agencies such as yours to avoid catastrophes such as this one. But it is your responsibility to rectify what damage has been done by Chemours/DuPont. It should not be left to local citizens to pay for new tech clean water. Please do not abdicate your public duty and let these two irresponsible big companies off the hook for this major health issue for NC citizens.

I have read that Chemours is paying for Fayetteville area water system cleanup. They should do the same for all affected residents downstream.

Edwin B . Duff
1064 Ridgemont DR
Leland, NC 28451

From: [Marty Lester](#)
To: [SVC_DENR.publiccomments](#); [OIG_WEBCOMMENTS@epa.gov](#)
Subject: [External] CHEMOURS CLEANUP
Date: Monday, February 24, 2020 12:31:19 PM

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Greetings,

Our water is not safe to drink.

I am asking, I am Pleading...

Please protect our water resources, as the greater Wilmington area population is now threatened with widespread health concerns, and it seems no one is getting a comprehensive clean-up action out to the public.

Articles published indicate recent water samples show contamination levels FAR exceed EPA water safety limits in Brunswick and neighboring counties. One company is mentioned often, Chemours. I doubt they are the ONLY polluter. But when will the public get assurances? It is now past time to act comprehensively, and inform the public of the actions to clean our water.

Thank you in advance, for your renewed efforts, in protecting the many, many lives in the Cape Fear area.

Very Respectfully,

Marty Lester
Southport, NC

From: judykoehly@atmc.net
To: [SVC_DENR.publiccomments](#)
Subject: [External] Forever chemicals in our water
Date: Monday, February 24, 2020 11:23:28 AM

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To Whom it May Concern,

I live in Brunswick County and I am appalled that Chemours continues to put forever chemicals into our water. I fear for our children's future! We do not deserve to drink these chemicals or develop cancer because they want higher profits. We should not have to pay for the cleanup of their mess. I understand that Chemours contribute many dollars to the Republican Party to help keep them in power and that they in turn a deaf ear to public demands that they stand up to Chemours. I, for one, and many like me are fighting hard to get these people out of office so they won't have a place to hide behind any longer. Chemours must be forced to do the correct thing and clean up our water!!!!

Judy Koehly

From: [Deb Miller](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] CLEAN UP OUR WATER!
Date: Monday, February 24, 2020 11:19:17 AM

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We moved from NJ to NC to get away from the crowds and traffic and exorbitant taxes to come to beautiful Southport, NC and live out our retirement. Now we find that the water is severely polluted and officials are looking the other way in regards to the heavy chemical polluters such as Chemours. We need to hold entities accountable! We demand that the powers that be make Chemours and other companies that are polluting fund the clean up that we so desperately need! Cut the red tape and make it happen sooner rather than later!

There are too many bodies of water that have become so polluted it is killing our wildlife and subsequently killing the human population - directly or indirectly. Our groundwater MUST be cleaned up and leakage from chemical plants be halted immediately!

Our health is of the utmost importance!

Debra Miller
Southport ,NC

From: [Brandon Huelsman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Public Comment to the proposed Groundwater Corrective Action Plan
Date: Monday, February 24, 2020 11:13:46 AM
Attachments: [Non-Concurrence with Corrective Action Plan.docx](#)

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Please see my attached comments on the public comment to the proposed Groundwater Corrective Action Plan for Chemours/Dupont.

Thank you,
Brandon Huelsman

From:
Brandon Huelsman
3620 Dove Meadow Trl
Fayetteville NC
brandon.huelsman@gmail.com

Department of Environmental Quality

Public Comment to the proposed Groundwater Corrective Action Plan

1. I am one of the “affected parties: per 15A NCAC 02L .0202(c) and § 143-215.2A. (Relief for contaminated private drinking water wells). **I DO NOT CONCUR** with the Corrective Action Plan (CAP) as written. I am providing my non-concurrence IAW15A NCAC 02L .0106(k) (3) and provide my written notification to the Secretary of DEQ and Governor of the State of North Carolina. I demand equal treatment under the laws of North Carolina and demand Secretary Regan force Chemours and/or Dupont to provide a Permanent Solutions for all wells found to be contaminated in exceedance of NC Groundwater Standards listed in 15A NCAC 02L .0202. It is the belief that § 143-215.2A, which was enacted in June 2018 and became a State Statute can still be used to force Chemours and/or Dupont to run water at their expense. Paragraph 34 utilized the verbiage Session Law 2018-5 Sec 13.1(c) when it was signed and enacted in February 2019 over 8 months after § 143-215.2A had been enacted as a State Law. Referring to it as Session Law 2018-5 Sec 13.1 (c) thus makes the limitations that DEQ attempted to place on the use of § 143-215.2A invalid. Since the enactment of the Consent Order Chemours has been in violation in all testing of wells as they are not testing for all chemicals agreed upon in Attachment C as both **PFMOPrA (Perfluoro-3- methoxypropanoic acid) & PFMObA (Perfluoro-4- methoxybutanoic acid)** are not tested for. GEL Labs can test for these two compounds as they are tested for during NC DEQ testing of wells.
2. As an adjacent property owner IAW the requirements of 15A NCAC 02L .0106(k)(3) **I DO NOT consent** to the **proposed Corrective Action Plan**. It is required by the provisions of 15A NCAC 02L .0106(k)(3) to gain approval of the property owners for the Corrective Action Plan that was submitted for the Chemours i.e. the Fayetteville Works Facility (Geosyntec Project Number TR0795). To date not one property owner that has been requested to provide consent. Unless Chemours and/or Dupont provides equal solutions for all “affected parties” i.e. anybody with a Well that has been found to have any PFAS contamination from the Fayetteville Works Facility (not limited to Attachment C of the consent order) in the means of a Whole Home Solution be it Granular Activated Carbon Systems or Public Water. **I non-concur with the Corrective Action Plan. Chemours & Dupont cannot be permitted to contaminate our groundwater wells, soil and vegetation without being required to remediate what they have damaged or a Permanent whole home water solution. Cost to remediate or Public water should be the only feasible solution regardless of costs i.e. the \$75K DEQ imposed limit.**
3. 15A NCAC 02L .0106(k)(3) is very clear and it states:

15A NCAC 02L .0106(k)(3) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary

under this Paragraph shall include a description of site-specific conditions, including information on the availability of public water supplies for the affected area; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph. The person making the request shall demonstrate:

- (1) that all sources of contamination and free product have been removed or controlled pursuant to Paragraph (f) of this Rule;
- (2) that the time and direction of contaminant travel can be predicted with reasonable certainty;
- (3) that contaminants have not and will not migrate onto adjacent properties, or that:
 - (A) such properties are served by an existing public water supply system dependent on surface waters or hydraulically isolated groundwater; or
 - (B) the owners of such properties have consented in writing to the request;

4. There is still contamination in our trees specifically pine type trees and our soil that Chemours has no intention of remediating. This will continue to have pass through contamination caused by rainfall passing thru the vegetation. As such (1) will not be achieved and neither will (2) above. Contaminants have migrated off the Fayetteville Works Facility to the adjacent properties as far as 11 miles from the center of the facility covering an area in excess of 125 square miles and growing. All properties could be provided public water supply IAW 15A NCAC 02L .0106 (k) at far less in cost that the cost to remediate an area over 125 square miles. Of whole home water filtration could be provided to all homes with detection of PFAS in exceedance of the NC Ground Water Quality Standards. Chemours can make the choice to fund billion to tens of billions of dollars of cleanup or millions for providing permanent whole home solutions. I do not consent IAW (3)(B) until Chemours provides that resolution voluntarily or forced by the State.

5. Per 15A NCAC 02L .0106(b) Any person conducting or controlling an activity that results in the discharge of a **waste** or **hazardous substance** or oil to the groundwaters of the State, or in proximity thereto, shall take action upon discovery to terminate and control the discharge, mitigate any hazards resulting from exposure to the pollutants and notify the Department, as defined in 15A NCAC 02C .0102, of the discharge. Chemours and Dupont violated 15A NCAC 02L .0106 (d) Any person conducting or controlling an activity that is conducted under the authority of a permit initially issued by the

Department on or after December 30, 1983 pursuant to G.S. 143-215.1 or G.S. 130A-294 and that results in an increase in concentration of a substance in excess of the standards. This was known by NC DEQ as far back as December 2016 when Chemours delivered the Corrective Measures Study to DEQ. So, for three years Chemours failed to address a Corrective Action Plan and has only done so to meet a requirement of a Consent Order.

5. IAW 15A NCAC 02L .0106 (k) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including

information on the **availability of public water supplies for the affected area**; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph.

6. The way the consent order lists § 143-215.2A a State Law that was enacted in June of 2018 prior to the Enactment of the Consent Order in February of 2019. Session Law 2018-5 Sec 13.1 (c) is irrelevant as it had been enacted as a State Law prior upon ratification in June of 2018. So it should not have been referred to as Session Law 2018-5, but as the State Statute and since listed incorrectly in Paragraph 34 of the Consent Order is invalid and the Secretary of DEQ can still force the polluters to pay for permanent whole solution be that Whole Home Granular Activated Carbon or the running of Public water Systems to all homes found with a well in violation of the NC Ground Water Standards.

7. 15A NCAC 02L .0106 (a) Where **groundwater quality has been degraded, the goal of any required corrective action shall be restoration to the level of the standards, or as closely thereto as is economically and technologically feasible as determined by the Department in accordance with this** If Chemours and/or Dupont cannot remediate all wells they have contaminated in violation of 15A NCAC 02L .0202 standards. **For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules.** At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible. **The size of the area encompasses thousands of private land parcels and any remedial construction activities using currently available remedial technologies (excavation and groundwater extraction) would be very disruptive to the local community and this disruption would continue for a lengthy period. Any remedy which in principle could help make progress towards PQLs over this large area would cost in the billions to tens of billions of dollars.**

8. I as one of the “affected parties” are demanding that NC DEQ protect our rights and force Chemours and/or Dupont the polluters to either remediate the damages to our Groundwater Wells or provide permanent whole home solutions i.e. Whole Home Granular Activated Carbon or Public Water connections with a defined period of the polluter paying for the water bills. The same solution provided for the Coal Ash “Affected Parties”.

9. Areas of Corrective Action Plan that indicate why Chemours and/or Dupont should be forced to provide Whole Home Filtration or Public Water for all those with wells that indicate exceedance of the NC Groundwater Standards 15A NCAC 02L .0202(c). When referring to the costs associated with providing the above remediation it must be considered that Chemours is gaining a cost savings of \$5,000,000 per month in cost savings for the elimination of shipping the Waste Water to Texas. It must also be considered the processing of the Waste from the Netherlands in determining the feasibility of providing public water or Whole Home Solutions to all “affected parties”. Affected Party is any property found with a groundwater well in exceedance of the NC Ground Water Standards established by the NC Environmental

Page xiv

Comply with 2L Rules (CO paragraph 16), including following the policy for the intention of the 2L Rules

“to maintain and preserve the quality of the groundwaters, prevent and abate pollution and contamination of the water of the state, protect public health, and permit management of the groundwaters for their best usage by the citizens of North Carolina” (15A NCAC 02L .0103)1; and comply with other requirements of the CO.

Response to Page xiv

Chemours is not in compliance with the Consent Order as they are not testing for all of the Chemicals listed on Attachment C. The two compounds that are not tested for are PFMOPrA (Perfluoro-3-methoxypropanoic acid) & PFMOBA (Perfluoro-4-methoxybutanoic acid). This should be a complaint that all address to Michael Scott and Michael Regan at NC DEQ. Prior to approval of a Corrective Action Plan NC DEQ should ensure that the Consent Order is enforced and that a permanent remediation solution or permanent whole home water solutions are provided.

Page xvi

Because the results of the HH-SLEA and Ecological SLEA indicate that exposures to HFPO-DA in offsite environmental media do not pose a hazard to human health or the environment, site-specific, risk-based cleanup goals were not developed; rather, cleanup goals are based on CO and 2L rules. ****

For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules. **At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible.**

For offsite groundwater receptors, provide public water connections or whole building filtration units or reverse osmosis units to qualifying surrounding residents (CO paragraphs 19 and 20);

Response: to Chemours CAP Page xvi

Most all wells tested have multiple Chemicals in the wells. Some as many as 9- 16 yet in documents like this Corrective Action Plan you will see Chemours discussion relate to only HFPO-DA. In the Ground Water Quality Standard of the State of North Carolina under 15A NCAC 02L .0202(b)(2) Where two or more substances exist in combination, the Director shall consider the effects of chemical interactions as determined by the Division of Public Health and may establish maximum concentrations at values less than those established in accordance with Paragraphs (c), (h), or (i) of this Rule. In the absence of information to the contrary, in accordance with Paragraph (d) of this Rule, the carcinogenic risks associated with carcinogens present shall be considered additive and the toxic effects associated with non-carcinogens present shall also be considered additive.

I as an “affected party”: per 15A NCAC 02L .0202(c) and § 143-215.2A (Relief for contaminated private drinking water wells) demand that the Secretary of DEQ and Governor of the State of North Carolina force Chemours and/or Dupont to provide a Permanent Solution for all wells found to be contaminated in exceedance of the NC Groundwater Standards as the remedy for our contaminated wells based on the admission that Chemours has no plan for remediation of our contaminated properties. Secretary Regan needs to follow NC Groundwater Quality Standards as well as enforce the Consent Order. Failure to do so is a failure to perform the duties of office.

From: [Nancy Buckingham](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours
Date: Monday, February 24, 2020 8:34:27 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

I am respectfully requesting that you require Chemours to clean up after itself.

Word will get out that Wilmington is not a safe place to open a business due to its polluted water.

Please do your duty to protect us from these awful chemicals.

Thank you.

Sincerely

Nancy Buckingham
910-409-5160

From: [Scott Penters](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours pollution efforts are in adequate
Date: Monday, February 24, 2020 7:45:49 AM

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Please read below.....

- **Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which its proposed plan fails to do.**
- **DEQ must ensure that Chemours—not families nearby and downstream communities already burdened by exposure and health risks—pays the costs to clean up its pollution.**
- **With 45,000 acres of polluted, leaking groundwater, Chemours’ plan will not clean up the problem and will leave our communities, drinking water, and the Cape Fear River at risk.**

As a tax payer and citizen of Brunswick County our government MUST direct Chemours to CLEAN UP THEIR ACT !!

**Scott Penters
Southport, NC.**

Sent from my iPad in St. James, NC.

From: [Alan Snyderman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Polluted water in NC
Date: Monday, February 24, 2020 7:23:42 AM

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Don't you people also live here in North Carolina ? It's all of our families that affected too
CLEAN UP OUR WATER !

Alan & Traci Snyderman
2909 Legends Drive
Southport NC 28461

Sent from my iPhone

From: [Carrol](#)
To: [SVC_DENR.publiccomments](#); gcruagainstpfas@gmail.com
Subject: [External] Written Non-Concurrence to the proposed Groundwater Corrective Action Plan
Date: Monday, February 24, 2020 6:10:01 AM

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Elwood Heiner
2678 County Line Road
Saint Pauls, NC 28384
(910) 308-9122
elwood62@earthlink.net

Department of Environmental Quality

Secretary Michael Regan

RE: Written Non-Concurrence to the proposed Groundwater Corrective Action Plan

1601 Mail Service Center

Raleigh, N.C. 27699-1601

publiccomments@ncdenr.gov

Subject: Public Comment to the proposed Groundwater Corrective Action Plan

1. I am one of the "affected parties: per 15A NCAC 02L .0202(c) and § 143-215.2A. (Relief for contaminated private drinking water wells). **I DO NOT CONCUR** with the Corrective Action Plan (CAP) as written. I am providing my non-concurrence IAW 15A NCAC 02L .0106(k) (3) and provide my written notification to the Secretary of DEQ and Governor of the State of North Carolina. I demand equal treatment under the laws of North Carolina and demand Secretary Regan force Chemours and/or Dupont to provide a Permanent Solutions for all wells found to be contaminated in exceedance of NC Groundwater Standards listed in 15A NCAC 02L .0202. It is the belief that § 143-215.2A, which was enacted in June 2018 and became a State Statute can still be used to force Chemours and/or Dupont to run water at their expense. Paragraph 34 utilized the verbiage Session Law 2018-5 Sec 13.1(c) when it was signed and enacted in February 2019 over 8 months after § 143-215.2A had been enacted as a State Law. Referring to it as Session Law 2018-5 Sec 13.1 (c) thus makes the limitations that DEQ attempted to place on the use of § 143-215.2A invalid. Since the enactment of the Consent Order Chemours has been in violation in all testing of wells as they are not testing for all chemicals agreed upon in Attachment C as both **PFMOPra (Perfluoro-3-methoxypropanoic acid)** & **PFMOBA (Perfluoro-4-methoxybutanoic acid)** are not tested for. GEL Labs can test for these two compounds as they are tested for during NC DEQ testing of wells.

2. As an adjacent property owner IAW the requirements of 15A NCAC 02L .0106(k)(3) **I DO NOT consent** to the **proposed Corrective Action Plan**. It is required by the provisions of 15A NCAC 02L .0106(k)(3) to gain approval of the property owners for the Corrective Action Plan that was submitted for the Chemours i.e. the Fayetteville Works Facility (Geosyntec Project Number TR0795). To date not one property owner that has been requested to provide consent. Unless Chemours and/or Dupont provides equal solutions for all "affected parties" i.e. anybody with a Well that has been found to have any PFAS contamination from the Fayetteville Works Facility (not limited to Attachment C of the consent order) in the means of a Whole Home Solution be it Granular Activated Carbon Systems or Public Water. **I nonconcur with the Corrective Action Plan. Chemours & Dupont cannot be permitted to contaminate our groundwater wells, soil and vegetation without being required to remediate what they have damaged or a Permanent whole home water solution. Cost to remediate or Public water should be the only feasible solution regardless of costs i.e. the \$75K DEQ imposed limit.**

3. 15A NCAC 02L .0106(k)(3) is very clear and it states:

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(3) that contaminants have not and will not migrate onto adjacent properties, or that:

(A) such properties are served by an existing public water supply system dependent on surface waters or hydraulically isolated groundwater; or

(B) the owners of such properties have consented in writing to the request;

4. There is still contamination in our trees specifically pine type trees and our soil that Chemours has no intention of remediating. This will continue to have pass through contamination caused by rainfall passing thru the vegetation. As such (1) will not be achieved and neither will (2) above. Contaminants have migrated off of the Fayetteville Works Facility to the adjacent properties as far as 11 miles from the center of the facility covering an area in excess of 125 square miles and growing. All properties could be provided public water supply IAW 15A NCAC 02L .0106 (k) at far less in cost that the cost to remediate an area over 125 square miles. Of whole home water filtration could be provided to all homes with detection of PFAS in exceedance of the NC Ground Water Quality Standards. Chemours can make the choice to fund billion to tens of billions of dollars of cleanup or millions for providing permanent whole home solutions. I do not consent IAW (3)(B) until Chemours provides that resolution voluntarily or forced by the State.

5. Per 15A NCAC 02L .0106(b) Any person conducting or controlling an activity that results in the discharge of a **waste or hazardous substance** or oil **to the groundwaters** of the State, or in proximity thereto, shall take action upon discovery to terminate and control the discharge, mitigate any hazards resulting from exposure to the pollutants and notify the Department, as defined in 15A NCAC 02C .0102, of the discharge. Chemours and Dupont violated 15A NCAC 02L .0106 (d) Any person conducting or controlling an activity that is conducted under the authority of a permit initially issued by the Department on or after December 30, 1983 pursuant to G.S. 143-215.1 or G.S. 130A-294 and that results in an increase in concentration of a substance in excess of the standards. This was known by NC DEQ as far back as December 2016 when Chemours delivered the Corrective Measures Study to DEQ. So for three years Chemours failed to address a Corrective Action Plan, and has only done so to meet a requirement of a Consent Order.

5. IAW 15A NCAC 02L .0106 (k) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the **availability of public water supplies for the affected area**; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph.

6. The manner in which the consent order lists § 143-215.2A an State Law that was enacted in June of 2018 prior to the Enactment of the Consent Order in February of 2019. Session Law 2018-5 Sec 13.1 (c) is irrelevant as it had been enacted as a State Law prior upon ratification in June of 2018. So it should not have been referred to as Session Law 2018-5, but as the State Statute and since listed incorrectly in Paragraph 34 of the Consent Order is invalid and the Secretary of DEQ can still force the polluters to pay for permanent whole solution be that Whole Home Granular

Activated Carbon or the running of Public water Systems to all homes found with a well in violation of the NC Ground Water Standards.

7. 15A NCAC 02L .0106 (a) **Where groundwater quality has been degraded, the goal of any required corrective action shall be restoration to the level of the standards, or as closely thereto as is economically and technologically feasible as determined by the Department in accordance with this Rule.** If Chemours and/or Dupont cannot remediate all wells they have contaminated in violation of the 15A NCAC 02L .0202 standards. **For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules.** At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible. **The size of the area encompasses thousands of private land parcels and any remedial construction activities using currently available remedial technologies (excavation and groundwater extraction) would be very disruptive to the local community and this disruption would continue for a lengthy period of time. Any remedy which in principle could help make progress towards PQLs over this large area would cost in the billions to tens of billions of dollars.**

8. I as one of the “affected parties” are demanding that NC DEQ protect our rights and force Chemours and/or Dupont the polluters to either remediate the damages to our Groundwater Wells or provide permanent whole home solutions i.e. Whole Home Granular Activated Carbon or Public Water connections with a defined period of the polluter paying for the water bills. The same solution provided for the Coal Ash “Affected Parties”.

9. Areas of Corrective Action Plan that indicate why Chemours and/or Dupont should be forced to provide Whole Home Filtration or Public Water for all those with wells that indicate exceedance of the NC Groundwater Standards 15A NCAC 02L .0202(c). When referring to the costs associated with providing the above remediation it must be taken into account that Chemours is gaining a cost savings of \$5,000,000 per month in cost savings for the elimination of shipping the Waste Water to Texas. It must also be taken into account the processing of the Waste from the Netherlands in determining the feasibility of providing public water or Whole Home Solutions to all “affected parties”. Affected Party is any property found with a groundwater well in exceedance of the NC Ground Water Standards established by the NC Environmental

Page xiv

Comply with 2L Rules (CO paragraph 16), including following the policy for the intention of the 2L Rules “to maintain and preserve the quality of the groundwaters, prevent and abate pollution and contamination of the water of the state, protect public health, and permit management of the groundwaters for their best usage by the citizens of North Carolina” (15A NCAC 02L .0103)1; and comply with other requirements of the CO.

Response to Page xiv

Chemours is not in compliance with the Consent Order as they are not testing for all of the Chemicals listed on Attachment C. The two compounds that are not tested for are PFMOPrA (Perfluoro-3- methoxypropanoic acid) & PFMOBA (Perfluoro-4- methoxybutanoic acid). This should be a complaint that all address to Michael Scott # NC DEQ. Prior to approval of a Corrective Action Plan NC DEQ should ensure that the Consent Order is actually enforced.

Page xvi

Because the results of the HH-SLEA and Ecological SLEA indicate that exposures to HFPO-DA in offsite environmental media do not pose a hazard to human health or the environment, site-specific, risk-based cleanup goals were not developed; rather, cleanup goals are based on CO and 2L rules. ****

For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules. **At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible.**

For offsite groundwater receptors, provide public water connections or whole building filtration units or reverse osmosis units to qualifying surrounding residents (CO paragraphs 19 and 20);

Response: to Chemours CAP Page xvi

Most all wells tested have multiple Chemicals in the wells. Some as many as 9- 16 yet in documents like this Corrective Action Plan you will see Chemours discussion relate to only HFPO-DA. In the Ground Water Quality Standard of the State of North Carolina under 15A NCAC 02L .0202(b)(2) Where two or more substances exist in combination, the Director shall consider the effects of chemical interactions as determined by the Division of Public Health and may establish maximum concentrations at values less than those established in accordance with Paragraphs (c), (h), or (i) of this Rule. In the absence of information to the contrary, in accordance with Paragraph (d) of this Rule, the carcinogenic risks associated with carcinogens present shall be considered additive and the toxic effects associated with non-carcinogens present shall also be considered additive.

I as an “affected party”: per 15A NCAC 02L .0202(c) and § 143-215.2A (Relief for contaminated private drinking water wells) demand that the Secretary of DEQ and Governor of the State of North Carolina force Chemours and/or Dupont to provide a Permanent Solution for all wells found to be contaminated in exceedance of the NC Groundwater Standards as the remedy for our contaminated wells based on the admission that Chemours has no plan for remediation of our contaminated properties.

From: [Steve Guess](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Top Management Must Hurt \$\$\$\$
Date: Monday, February 24, 2020 12:50:37 AM

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- **Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which its proposed plan fails to do.**
- **DEQ must ensure that Chemours—not families nearby and downstream communities already burdened by exposure and health risks—pays the costs to clean up its pollution.**
- **DEQ know that, with 45,000 acres of polluted, leaking groundwater, Chemours' plan will not clean up the problem and will leave our communities, drinking water, and the Cape Fear River at risk.**

--

Steve Guess

Fuquay-Varina, NC

"When the Power of Love overcomes the Love of Power,
the world will know Peace." Jimi Hendrix

From: [Mario Walicky](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] CHEMOURS
Date: Sunday, February 23, 2020 2:28:11 PM

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Look this is real simple they polluted they should and MUST CLEAN IT ALL UP they made the profit on the product

NOW CLEAN UP YOUR MESS

MARIO WALICKY (LELAND)

From: [Steve W](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours corrective action plan does not go far enough
Date: Sunday, February 23, 2020 10:06:16 AM

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Profits were made at peoples expense and health and lives! The people that ran Chemours were well aware of what they were doing. How are these people not in jail for life?! Do not let this go without a just penalty! For you shall be remembered too.

From: [kenneth Pennington](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Clean up by Chemours
Date: Sunday, February 23, 2020 8:07:46 AM

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Sent from my iPad. Hole these companies responsible for cleaning up our state, should not be allowed to leave there contamination behind.

From: [Anthony DiCroce](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Hold Chemours Accountable
Date: Saturday, February 22, 2020 10:32:50 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Why would a company be allowed to pollute the river and then not be accountable to clean it up. It's a health and environmental danger to the river and so many NC residents. It makes absolutely no sense, this is when the taxpayers want the government to do their job.

- **Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which its proposed plan fails to do.**
- **DEQ must ensure that Chemours—not families nearby and downstream communities already burdened by exposure and health risks—pays the costs to clean up its pollution.**
- **Let DEQ know that, with 45,000 acres of polluted, leaking groundwater, Chemours' plan will not clean up the problem and will leave our communities, drinking water, and the Cape Fear River at risk.**

Just outrageous if you sit by and let this happen. Stop playing politics and start representing the people paying your salaries.

Regards Anthony DiCroce
Sent from my iPhone

From: [velonaut](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours
Date: Saturday, February 22, 2020 5:50:02 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

They MUST BE HELD RESPONSIBLE and clean up their mess. We the people of NC should never be burdened with such atrocities. Do the right thing. Make them do the right thing!

Sent from my Samsung Galaxy smartphone.

From: freddyc2005ph@yahoo.com
To: [SVC_DENR.publiccomments](#)
Subject: [External]
Date: Saturday, February 22, 2020 3:27:05 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Clean, safe water is necessary to all life.

Chemours must use every resource available to clean up the mess it made of North Carolina's groundwater.

From: [Maureen Terman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Gen X in our water
Date: Saturday, February 22, 2020 1:41:09 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

I am so tired of paying for tap water, and then having to buy water from a reverse osmosis machine! I am elderly, and it is very hard for me to haul the jugs of water. And I still have to bathe with the contaminated water. My husband has cancer, and I have thyroid nodules - I am sure it is related to our exposure.

Please hold Chemours responsible for cleaning up all contamination, and keep our water supply clean. After all, you and your families drink this same water. How can you justify allowing a company to ruin our water supply?

I plan to vote for candidates who support me.

Thanks a lot.

Maureen Terman
503 Lord Thomas Ave.
Southport, NC. 28461

From: [Kim Ward](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] DO NOT CONCUR with CAR
Date: Saturday, February 22, 2020 12:02:14 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

1. I am one of the “affected parties: per 15A NCAC 02L .0202(c) and § 143-215.2A. (Relief for contaminated private drinking water wells). **I DO NOT CONCUR** with the Corrective Action Plan (CAP) as written. I am providing my non-concurrence IAW 15A NCAC 02L .0106(k) (3) and provide my written notification to the Secretary of DEQ and Governor of the State of North Carolina. I demand equal treatment under the laws of North Carolina and demand Secretary Regan force Chemours and/or Dupont to provide a Permanent Solutions for all wells found to be contaminated in exceedance of NC Groundwater Standards listed in 15A NCAC 02L .0202. It is the belief that § 143-215.2A, which was enacted in June 2018 and became a State Statute can still be used to force Chemours and/or Dupont to run water at their expense. Paragraph 34 utilized the verbiage Session Law 2018-5 Sec 13.1(c) when it was signed and enacted in February 2019 over 8 months after § 143-215.2A had been enacted as a State Law. Referring to it as Session Law 2018-5 Sec 13.1 (c) thus makes the limitations that DEQ attempted to place on the use of § 143-215.2A invalid. Since the enactment of the Consent Order Chemours has been in violation in all testing of wells as they are not testing for all chemicals agreed upon in Attachment C as both PFMOPrA (Perfluoro-3- methoxypropanoic acid) & PFMOBA (Perfluoro-4- methoxybutanoic acid) are not tested for. GEL Labs can test for these two compounds as they are tested for during NC DEQ testing of wells.

2. As an adjacent property owner IAW the requirements of 15A NCAC 02L .0106(k)(3) **I DO NOT** consent to the proposed Corrective Action Plan. It is required by the provisions of 15A NCAC 02L.0106(k)(3) to gain approval of the property owners for the Corrective Action Plan that was submitted for the Chemours i.e. the Fayetteville Works Facility (Geosyntec Project Number TR0795). To date not one property owner has provided consent. Chemours and/or Dupont should provide equal solutions for all “affected parties” i.e. anybody with a Well found to have any PFAS contamination from the Fayetteville Works Facility (not limited to Attachment C of the consent order) in the means of a Whole Home Solution or Public Water. **I NONCONUR** with the Corrective Action Plan. Chemours & Dupont cannot be permitted to contaminate our groundwater wells, soil and vegetation without being required to remediate what they have damaged. The cost to remediate on top of the option for Public water/Whole House system should be the only feasible solution regardless of costs i.e. the \$75K DEQ imposed limit.

3. 15A NCAC 02L .0106(k)(3) is very clear and it states: 15A NCAC 02L .0106(k)(3) Any person required to implement an approved corrective action plan for asite subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the availability of public water supplies for the affected area; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph.

The person making the request shall demonstrate:

- (1) that all sources of contamination and free product have been removed or controlled pursuant to Paragraph (f) of this Rule;
- (2) that the time and direction of contaminant travel can be predicted with reasonable certainty;
- (3) that contaminants have not and will not migrate onto adjacent properties, or that:
 - (A) such properties are served by an existing public water supply system dependent on surface waters or hydraulically isolated groundwater; or
 - (B) the owners of such properties have consented in writing to the request;

4. There is still contamination in our trees specifically pine type trees and our soil that Chemours has no intention of remediating. This will continue to have pass through contamination caused by rainfall passing thru the vegetation. As such (1) will not be achieved and neither will (2) above. Contaminants have migrated off of the Fayetteville Works Facility to the adjacent properties as far as 11 miles from the center of the facility covering an area in excess of 125 square miles and growing. All properties could be provided public water supply IAW 15A NCAC 02L.0106 (k) at far less in cost that the cost to remediate an area over 125 square miles. A whole home water filtration could be provided to all homes with detection of PFAS in exceedance of the NC Ground Water Quality Standards. Chemours can make the choice to fund billion to tens of billions of dollars of cleanup or millions for providing permanent whole home solutions. I **do not consent** IAW (3)(B) until Chemours provides that resolution voluntarily or forced by the State.

5. Per 15A NCAC 02L .0106(b) Any person conducting or controlling an activity that results in the discharge of a waste or hazardous substance or oil to the ground waters of the State, or in proximity thereto, shall take action upon discovery to terminate and control the discharge, mitigate any hazards resulting from exposure to the pollutants and notify the Department, as defined in 15A NCAC 02C .0102, of the discharge. Chemours and Dupont violated 15A NCAC 02L .0106 (d) Any person conducting or controlling an activity that is conducted under the authority of a permit initially issued by the Department on or after December 30, 1983 pursuant to G.S. 143-215.1 or G.S. 130A-294 and that results in an increase in concentration of a substance in excess of the standards. This was known by NC DEQ as far back as December 2016 when Chemours delivered the Corrective Measures Study to DEQ. So for three years Chemours failed to address a Corrective Action Plan, and has only done so to meet a requirement of a Consent Order..

6. The manner in which the consent order lists § 143-215.2A an State Law that was enacted in June of 2018 prior to the Enactment of the Consent Order in February of 2019. Session Law 2018-5 Sec 13.1 (c) is irrelevant as it had been enacted as a State Law prior upon ratification in June of 2018. So it should not have been referred to as Session Law 2018-5, but as the State Statute and since listed incorrectly in Paragraph 34 of the Consent Order is invalid and the Secretary of DEQ can still force the polluters to pay for permanent whole solution be that Whole Home Granular Activated Carbon or the running of Public water Systems to all homes found with a well in violation of the NC Ground Water Standards.

7. 15A NCAC 02L .0106 (a) Where groundwater quality has been degraded, the goal of any required corrective action shall be restoration to the level of the standards, or as closely thereto as is economically and technologically feasible as determined by the Department in accordance with this Rule. If Chemours and/or Dupont cannot remediate all wells they have contaminated in violation of the 15A NCAC 02L .0202 standards. For corrective action under

2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules. At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible. The size of the area encompasses thousands of private land parcels and any remedial construction activities using currently available remedial technologies (excavation and groundwater extraction) would be very disruptive to the local community and this disruption would continue for a lengthy period of time. Any remedy which in principle could help make progress towards PQLs over this large area would cost in the billions to tens of billions of dollars.

8. I as one of the “affected parties” are demanding that NC DEQ protect our rights and force

Chemours and/or Dupont the polluters to either remediate the damages to our Groundwater Wells or provide permanent whole home solutions i.e. Whole Home Granular Activated Carbon or Public Water connections with a defined period of the polluter paying for the water bills. The same solution provided for the Coal Ash “Affected Parties”.

9. Areas of Corrective Action Plan that indicate why Chemours and/or Dupont should be forced to provide Whole Home Filtration or Public Water for all those with wells that indicate exceedance of the NC Groundwater Standards 15A NCAC 02L .0202(c). When referring to the costs associated with providing the above remediation it must be taken into account that Chemours is gaining a cost savings of \$5,000,000 per month in cost savings for the elimination of shipping the Waste Water to Texas. It must also be taken into account the processing of the Waste from the Netherlands in determining the feasibility of providing public water or Whole Home Solutions to all “affected parties”. Affected Party is any property found with a groundwater well in exceedance of the NC Ground Water Standards established by the NC Environmental Page xiv Comply with 2L Rules (CO paragraph 16), including following the policy for the intention of the 2L Rules “to maintain and preserve the quality of the groundwaters, prevent and abate pollution and contamination of the water of the state, protect public health, and permit management of the groundwaters for their best usage by the citizens of North Carolina” (15A NCAC 02L .0103)1; and comply with other requirements of the CO.

Response to Page xiv

Chemours is not in compliance with the Consent Order as they are not testing for all of the Chemicals listed on Attachment C. The two compounds that are not tested for are PFMOPrA (Perfluoro-3- methoxypropanoic acid) & PFMOBA (Perfluoro-4- methoxybutanoic acid). This should be a complaint that all address to Michael Scott and Michael Regan @ NC DEQ. Prior to approval of a Corrective Action Plan NC DEQ should ensure that the Consent Order is actually enforced and that a permanent remediation solution or permanent whole home water solutions are provided.

Page xvi

Because the results of the HH-SLEA and Ecological SLEA indicate that exposures to HFPO-DA in offsite environmental media do not pose a hazard to human health or the environment, site-specific, risk-based cleanup goals were not developed; rather, cleanup goals are based on CO and 2L rules.

For corrective action under 2L rules when no groundwater standard exists, groundwater must,

to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules. At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible. For offsite groundwater receptors, provide public water connections or whole building filtration units or reverse osmosis units to qualifying surrounding residents (CO paragraphs 19 and 20);

Response: to Chemours CAP Page xvi

Most all wells tested have multiple Chemicals in the wells. Some as many as 9- 16 yet in documents like this Corrective Action Plan you will see Chemours discussion relate to only HFPO-DA. In the Ground Water Quality Standard of the State of North Carolina under 15A NCAC 02L .0202(b)(2) Where two or more substances exist in combination, the Director shall consider the effects of chemical interactions as determined by the Division of Public Health and may establish maximum concentrations at values less than those established in accordance with Paragraphs (c), (h), or (i) of this Rule. In the absence of information to the contrary, in accordance with Paragraph (d) of this Rule, the carcinogenic risks associated with carcinogens present shall be considered additive and the toxic effects associated with non-carcinogens present shall also be considered additive. I as an “affected party”: per 15A NCAC 02L .0202(c) and § 143-215.2A (Relief for contaminated private drinking water wells) demand that the Secretary of DEQ and Governor of the State of North Carolina force Chemours and/or Dupont to provide a Permanent Solution for all wells found to be contaminated in exceedance of the NC Groundwater Standards as the remedy for our contaminated wells based on the admission that Chemours has no plan for remediation of our contaminated properties. Secretary Regan needs to follow NC Groundwater Quality Standards as well as enforce the Consent Order. Failure to do so is a failure to perform the duties of office.

Grey's Creek resident
Kim Canady

From: [Sue Rice](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours
Date: Saturday, February 22, 2020 8:55:08 AM

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- **Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which its proposed plan fails to do.**
- **DEQ must ensure that Chemours—not families nearby and downstream communities already burdened by exposure and health risks—pays the costs to clean up its pollution.**
- **With 45,000 acres of polluted, leaking groundwater, Chemours' plan will not clean up the problem and will leave our communities, drinking water, and the Cape Fear River at risk.**

Sent from my iPad

From: [Gloria Shen](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan Does Not Go Far Enough
Date: Friday, February 21, 2020 10:25:08 PM

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Dear NC DENR Officials:

I respectfully submit the following comments regarding Chemours' corrective action plan.

Chemours' proposed corrective action plan has many deficiencies which would make it absolutely unacceptable.

Not only does it fail to meet the requirements of the DEQ consent order issued February of 2019, it does not even meet the requirements of NC law.

That makes it woefully inadequate and therefore it must be rejected.

How much is a company allowed to get away with?

Already, Chemours is responsible for 45,000 acres of toxic chemical-laden groundwater. This means that the water supplies upon which certain North Carolina communities depend is poisoned not only now but for decades to come when a plan is proposed that doesn't even stop chemicals from leaking further into the wells of these residents. Furthermore the plan does not curb the continued contamination of our state's rivers and streams.

Also, how is it acceptable for the corporation to forego the financial responsibility of correcting the problem?

In my homeowners' association, our hired contractors are not permitted to use any chemicals on foliage because not only is it corrosive and harmful to members' health and wildlife, it could get into the creek that surrounds the community.

The HOA cannot risk contaminating the creek and if it were to do so, it would be rightly fined by the DEQ. If an HOA is to be compliant with state laws to keep waterways from being polluted, why can't a company that has already caused such grievous harm not be made to correct and accept full responsibility for what it has done?

Thank you for taking the time to read my comments.

Sincerely,

Gloria Shen
Asheville, NC

From: [susan zucchini](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours must make things right
Date: Friday, February 21, 2020 9:17:19 PM

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To Whom It May Concern:

Chemours should be held accountable. Their plans do not solve the problem, and the citizens of southeastern North Carolina are paying a price that is too high. Chemours caused the problem, and they should be required to fix the problem for the health of our citizens and the Cape Fear River.

From: [John Stevens](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Written Non-Concurrence to the proposed Groundwater Corrective Action Plan
Date: Friday, February 21, 2020 8:28:27 PM

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Department of Environmental Quality

Secretary Michael Regan

RE: Written Non-Concurrence to the proposed Groundwater Corrective Action Plan

[1601 Mail Service Center](#)

[Raleigh, N.C. 27699-1601](#)

publiccomments@ncdenr.gov

Subject: Public Comment to the proposed Groundwater Corrective Action Plan

1. I am one of the “affected parties: per 15A NCAC 02L .0202(c) and § 143-215.2A. (Relief for contaminated private drinking water wells). **I DO NOT CONCUR** with the Corrective Action Plan (CAP) as written. I am providing my non-concurrence IAW 15A NCAC 02L .0106(k) (3) and provide my written notification to the Secretary of DEQ and Governor of the State of North Carolina. I demand equal treatment under the laws of North Carolina and demand Secretary Regan force Chemours and/or Dupont to provide a Permanent Solutions for all wells found to be contaminated in exceedance of NC Groundwater Standards listed in 15A NCAC 02L .0202. It is the belief that § 143-215.2A, which was enacted in June 2018 and became a State Statute can still be used to force Chemours and/or Dupont to run water at their expense. Paragraph 34 utilized the verbiage Session Law 2018-5 Sec 13.1(c) when it was signed and enacted in February 2019 over 8 months after § 143-215.2A had been enacted as a State Law. Referring to it as Session Law 2018-5 Sec 13.1 (c) thus makes the limitations that DEQ attempted to place on the use of § 143-215.2A invalid. Since the enactment of the Consent Order Chemours has been in violation in all testing of wells as they are not testing for all chemicals agreed upon in Attachment C as both **PFMOPrA (Perfluoro-3- methoxypropanoic acid)** & **PFMOBA (Perfluoro-4- methoxybutanoic acid)** are not tested for. GEL Labs can test for these two compounds as they are tested for during NC DEQ testing of wells.

2. As an adjacent property owner IAW the requirements of 15A NCAC 02L .0106(k)(3) **I DO NOT consent** to the **proposed Corrective Action Plan**. It is required by the provisions of 15A NCAC 02L .0106(k)(3) to gain approval of the property owners for the Corrective Action Plan that was submitted for the Chemours i.e. the Fayetteville Works Facility (Geosyntec Project Number TR0795). To date not one property owner that has been requested to provide consent. Unless Chemours and/or Dupont provides equal solutions for all “affected parties”

i.e. anybody with a Well that has been found to have any PFAS contamination from the Fayetteville Works Facility (not limited to Attachment C of the consent order) in the means of a Whole Home Solution be it Granular Activated Carbon Systems or Public Water. I

nonconcur with the Corrective Action Plan. Chemours & Dupont cannot be permitted to contaminate our groundwater wells, soil and vegetation without being required to remediate what they have damaged or a Permanent whole home water solution. Cost to remediate or Public water should be the only feasible solution regardless of costs i.e. the \$75K DEQ imposed limit.

3. 15A NCAC 02L .0106(k)(3) is very clear and it states:

15A NCAC 02L .0106(k)(3) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the availability of public water supplies for the affected area; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph. The person making the request shall demonstrate:

- (1) that all sources of contamination and free product have been removed or controlled pursuant to Paragraph (f) of this Rule;
- (2) that the time and direction of contaminant travel can be predicted with reasonable certainty;
- (3) that contaminants have not and will not migrate onto adjacent properties, or that:
 - (A) such properties are served by an existing public water supply system dependent on surface waters or hydraulically isolated groundwater; or
 - (B) the owners of such properties have consented in writing to the request;

4. There is still contamination in our trees specifically pine type trees and our soil that Chemours has no intention of remediating. This will continue to have pass through contamination caused by rainfall passing thru the vegetation. As such (1) will not be achieved and neither will (2) above. Contaminants have migrated off of the Fayetteville Works Facility to the adjacent properties as far as 11 miles from the center of the facility covering an area in excess of 125 square miles and growing. All properties could be provided public water supply IAW 15A NCAC 02L .0106 (k) at far less in cost that the cost to remediate an area over 125 square miles. Of whole home water filtration could be provided to all homes with detection of PFAS in exceedance of the NC Ground Water Quality Standards. Chemours can make the choice to fund billion to tens of billions of dollars of cleanup or millions for providing permanent whole home solutions. I do not consent IAW (3)(B) until Chemours provides that resolution voluntarily or forced by the State.

5. Per 15A NCAC 02L .0106(b) Any person conducting or controlling an activity that results in the discharge of a **waste** or **hazardous substance** or oil **to the groundwaters** of the State, or in proximity thereto, shall take action upon discovery to terminate and control the discharge, mitigate any hazards resulting from exposure to the pollutants and notify the Department, as defined in 15A NCAC 02C .0102, of the discharge. Chemours and Dupont violated 15A NCAC 02L .0106 (d) Any person conducting or controlling an activity that is conducted under the authority of a permit initially issued by the Department on or after December 30, 1983 pursuant to G.S. 143-215.1 or G.S. 130A-294 and that results in an increase in concentration of a substance in excess of the standards. This was known by NC DEQ as far back as December 2016 when Chemours delivered the Corrective Measures Study to DEQ. So for three years Chemours failed to address a Corrective Action Plan, and has only done so to meet a requirement of a Consent Order.

5. IAW 15A NCAC 02L .0106 (k) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the **availability of public water supplies for the affected area**; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph.

6. The manner in which the consent order lists § 143-215.2A an State Law that was enacted in June of 2018 prior to the Enactment of the Consent Order in February of 2019. Session Law 2018-5 Sec 13.1 (c) is irrelevant as it had been enacted as a State Law prior upon ratification in June of 2018. So it should not have been referred to as Session Law 2018-5, but as the State Statute and since listed incorrectly in Paragraph 34 of the Consent Order is invalid and the Secretary of DEQ can still force the polluters to pay for permanent whole solution be that Whole Home Granular Activated Carbon or the running of Public water Systems to all homes found with a well in violation of the NC Ground Water Standards.

7. 15A NCAC 02L .0106 (a) **Where groundwater quality has been degraded, the goal of any required corrective action shall be restoration to the level of the standards, or as closely thereto as is economically and technologically feasible as determined by the Department in accordance with this Rule.** If Chemours and/or Dupont cannot remediate all wells they have contaminated in violation of the 15A NCAC 02L .0202 standards. **For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules.** At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible. **The size of the area encompasses thousands of private land parcels and any remedial construction activities using currently available remedial technologies (excavation and groundwater extraction) would be very disruptive to the local community and this disruption would continue for a lengthy period of**

time. Any remedy which in principle could help make progress towards PQLs over this large area would cost in the billions to tens of billions of dollars.

8. I as one of the “affected parties” are demanding that NC DEQ protect our rights and force Chemours and/or Dupont the polluters to either remediate the damages to our Groundwater Wells or provide permanent whole home solutions i.e. Whole Home Granular Activated Carbon or Public Water connections with a defined period of the polluter paying for the water bills. The same solution provided for the Coal Ash “Affected Parties”.

9. Areas of Corrective Action Plan that indicate why Chemours and/or Dupont should be forced to provide Whole Home Filtration or Public Water for all those with wells that indicate exceedance of the NC Groundwater Standards 15A NCAC 02L .0202(c). When referring to the costs associated with providing the above remediation it must be taken into account that Chemours is gaining a cost savings of \$5,000,000 per month in cost savings for the elimination of shipping the Waste Water to Texas. It must also be taken into account the processing of the Waste from the Netherlands in determining the feasibility of providing public water or Whole Home Solutions to all “affected parties”. Affected Party is any property found with a groundwater well in exceedance of the NC Ground Water Standards established by the NC Environmental

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Comply with 2L Rules (CO paragraph 16), including following the policy for the intention of the 2L Rules “to maintain and preserve the quality of the groundwaters, prevent and abate pollution and contamination of the water of the state, protect public health, and permit management of the groundwaters for their best usage by the citizens of North Carolina” (15A NCAC 02L .0103)1; and comply with other requirements of the CO.

Response to Page xiv

Chemours is not in compliance with the Consent Order as they are not testing for all of the Chemicals listed on Attachment C. The two compounds that are not tested for are PFMOPrA (Perfluoro-3- methoxypropanoic acid) & PFMObA (Perfluoro-4- methoxybutanoic acid). This should be a complaint that all address to Michael Scott # NC DEQ. Prior to approval of a Corrective Action Plan NC DEQ should ensure that the Consent Order is actually enforced.

Page xvi

Because the results of the HH-SLEA and Ecological SLEA indicate that exposures to HFPO-DA in offsite environmental media do not pose a hazard to human health or the environment, site-specific, risk-based cleanup goals were not developed; rather, cleanup goals are based on CO and 2L rules. ****

For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules. **At present, restoring groundwater to**

PQLs onsite or offsite is technologically and economically infeasible.

For offsite groundwater receptors, provide public water connections or whole building filtration units or reverse osmosis units to qualifying surrounding residents (CO paragraphs 19 and 20);

Response: to Chemours CAP Page xvi

Most all wells tested have multiple Chemicals in the wells. Some as many as 9- 16 yet in documents like this Corrective Action Plan you will see Chemours discussion relate to only HFPO-DA. In the Ground Water Quality Standard of the State of North Carolina under 15A NCAC 02L .0202(b)(2) Where two or more substances exist in combination, the Director shall consider the effects of chemical interactions as determined by the Division of Public Health and may establish maximum concentrations at values less than those established in accordance with Paragraphs (c), (h), or (i) of this Rule. In the absence of information to the contrary, in accordance with Paragraph (d) of this Rule, the carcinogenic risks associated with carcinogens present shall be considered additive and the toxic effects associated with non-carcinogens present shall also be considered additive.

I as an “affected party”: per 15A NCAC 02L .0202(c) and § 143-215.2A (Relief for contaminated private drinking water wells) demand that the Secretary of DEQ and Governor of the State of North Carolina force Chemours and/or Dupont to provide a Permanent Solution for all wells found to be contaminated in exceedance of the NC Groundwater Standards as the remedy for our contaminated wells based on the admission that Chemours has no plan for remediation of our contaminated properties.

Sincerely

John Stevens

7619 NC Hwy 87 South

Fayetteville, NC 28306

910-309-4428

From: [Sharon Jordan](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours pollution of water supply
Date: Friday, February 21, 2020 8:05:58 PM

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Please make sure we are represented in this matter. Toxic and polluted water is NOT ACCEPTABLE for our generation nor future generations. Chemours is not making any attempts to clean up the mess they have made and are still making. It's time to make these companies responsible for their actions and not to pass the buck onto the taxpayers. NO ONE can survive without a clean water supply including the fishing industry. Enforce the antipollution laws and hold the responsible party responsible.

From: perrywinklefarm@aol.com
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours corrective action plan does not go far enough
Date: Friday, February 21, 2020 7:21:53 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

North Carolina citizens deserve to be able to drink "clean" water. It is inexcusable to set tolerable limits that are above any level that are deemed safe by scientists.

Please place the health of North Carolinians above any profit-motivated push back that DENR might be hearing from Chemour.

Cathy Jones
Chatham County
North Carolina

From: [Doris Vannoy](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Forever chemicals
Date: Friday, February 21, 2020 5:04:07 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Chemours must clean up ALL the water they polluted or finance the cleanup and stop polluting immediately.

Sent from my Verizon, Samsung Galaxy smartphone
Get [Outlook for Android](#)

From: [me an me](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External]
Date: Friday, February 21, 2020 4:21:26 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Name:kristina campbell
Address 1593 sand hill rd

City /State / Zip hopemills nc 28348
Email or Phone #9105747445

Department of Environmental Quality
Secretary Michael Regan
RE: Written Non-Concurrence to the proposed Groundwater Corrective Action Plan 1601
Mail Service Center
Raleigh, N.C. 27699-1601
publiccomments@ncdenr.gov
Subject: Public Comment to the proposed Groundwater Corrective Action Plan

1. I am one of the “affected parties: per 15A NCAC 02L .0202(c) and § 143-215.2A. (Relief for contaminated private drinking water wells). I DO NOT CONCUR with the Corrective Action Plan (CAP) as written. I am providing my non-concurrence IAW 15A NCAC 02L .0106(k) (3) and provide my written notification to the Secretary of DEQ and Governor of the State of North Carolina. I demand equal treatment under the laws of North Carolina and demand Secretary Regan force Chemours and/or Dupont to provide a Permanent Solutions for all wells found to be contaminated in exceedance of NC Groundwater Standards listed in 15A NCAC 02L .0202. It is the belief that § 143-215.2A, which was enacted in June 2018 and became a State Statute can still be used to force Chemours and/or Dupont to run water at their expense. Paragraph 34 utilized the verbiage Session Law 2018-5 Sec 13.1(c) when it was signed and enacted in February 2019 over 8 months after § 143-215.2A had been enacted as a State Law. Referring to it as Session Law 2018-5 Sec 13.1 (c) thus makes the limitations that DEQ attempted to place on the use of § 143-215.2A invalid. Since the enactment of the Consent Order Chemours has been in violation in all testing of wells as they are not testing for all chemicals agreed upon in Attachment C as both PFMOPrA (Perfluoro-3-methoxypropanoic acid) & PFMOBA (Perfluoro-4-methoxybutanoic acid) are not tested for. GEL Labs can test for these two compounds as they are tested for during NC DEQ testing of wells.

2. As an adjacent property owner IAW the requirements of 15A NCAC 02L .0106(k)(3) I DO NOT consent to the proposed Corrective Action Plan. It is required by the provisions of 15A NCAC 02L .0106(k)(3) to gain approval of the property owners for the Corrective Action Plan that was submitted for the Chemours i.e. the Fayetteville Works Facility (Geosyntec Project Number TR0795). To date not one property owner that has been requested to provide consent. Unless Chemours and/or Dupont provides equal solutions for all “affected parties” i.e. anybody with a Well that has been found to have any PFAS contamination from the Fayetteville Works Facility (not limited to Attachment C of the consent order) in the means of a Whole Home Solution be it Granular Activated Carbon Systems or Public Water. I

nonconcur with the Corrective Action Plan. Chemours & Dupont cannot be permitted to contaminate our groundwater wells, soil and vegetation without being required to remediate what they have damaged or a Permanent whole home water solution. Cost to remediate or Public water should be the only feasible solution regardless of costs i.e. the \$75K DEQ imposed limit.

3. 15A NCAC 02L .0106(k)(3) is very clear and it states:

15A NCAC 02L .0106(k)(3) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the availability of public water supplies for the affected area; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph. The person making the request shall demonstrate:

(1)

(2) that the time and direction of contaminant travel can be predicted with reasonable certainty; (3) that contaminants have not and will not migrate onto adjacent properties, or that:

(A)

(B) the owners of such properties have consented in writing to the request;

4. There is still contamination in our trees specifically pine type trees and our soil that Chemours has no intention of remediating. This will continue to have pass through contamination caused by rainfall passing thru the vegetation. As such (1) will not be achieved and neither will (2) above. Contaminants have migrated off of the Fayetteville Works Facility to the adjacent properties as far as 11 miles from the center of the facility covering an area in excess of 125 square miles and growing. All properties could be provided public water supply IAW 15A NCAC 02L .0106 (k) at far less in cost that the cost to remediate an area over 125 square miles. Of whole home water filtration could be provided to all homes with detection of PFAS in exceedance of the NC Ground Water Quality Standards. Chemours can make the choice to fund billion to tens of billions of dollars of cleanup or millions for providing permanent whole home solutions. I do not consent IAW (3)(B) until Chemours provides that resolution voluntarily or forced by the State.

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such properties are served by an existing public water supply system dependent on surface waters or hydraulically isolated groundwater; or

three years Chemours failed to address a Corrective Action Plan, and has only done so to meet a requirement of a Consent Order.

5. IAW 15A NCAC 02L .0106 (k) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the availability of public water supplies for the affected area; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph.

6. The manner in which the consent order lists § 143-215.2A an State Law that was enacted in June of 2018 prior to the Enactment of the Consent Order in February of 2019. Session Law 2018-5 Sec 13.1 (c) is irrelevant as it had been enacted as a State Law prior upon ratification in June of 2018. So it should not have been referred to as Session Law 2018-5, but as the State Statute and since listed incorrectly in Paragraph 34 of the Consent Order is invalid and the Secretary of DEQ can still force the polluters to pay for permanent whole solution be that Whole Home Granular Activated Carbon or the running of Public water Systems to all homes found with a well in violation of the NC Ground Water Standards.

7. 15A NCAC 02L .0106 (a)

Rule. If Chemours and/or Dupont cannot remediate all wells they have contaminated in violation of the 15A NCAC 02L .0202 standards.

At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible. The size of the area encompasses thousands of private land parcels and any remedial construction activities using currently available remedial technologies (excavation and groundwater extraction) would be very disruptive to the local community and this disruption would continue for a lengthy period of time. Any remedy which in principle could help make progress towards PQLs over this large area would cost in the billions to tens of billions of dollars.

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Page xiv

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Response to Page xiv

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Page xvi

Because the results of the HH-SLEA and Ecological SLEA indicate that exposures to HFPO-DA in offsite environmental media do not pose a hazard to human health or the environment, site-specific, risk-based cleanup goals were not developed; rather, cleanup goals are based on CO and 2L rules. ****

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Response: to Chemours CAP Page xvi

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I as an “affected party”: per 15A NCAC 02L .0202(c) and § 143-215.2A (Relief for contaminated private drinking water wells) demand that the Secretary of DEQ and Governor of the State of North Carolina force Chemours and/or Dupont to provide a Permanent Solution for all wells found to be

Page 4 of 5

contaminated in exceedance of the NC Groundwater Standards as the remedy for our contaminated wells based on the admission that Chemours has no plan for remediation of our contaminated properties. Secretary Regan needs to follow NC Groundwater Quality Standards as well as enforce the Consent Order. Failure to do so is a failure to perform the duties of office.

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From: [Susan Rossman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Please clean this water
Date: Friday, February 21, 2020 2:46:49 PM

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The chemicals that have been dumped into the Cape Fear for years have done damage and continue to do damage. We need you and generations to come need you to step up and clean this up. Please step up and do the right thing.

I am a voting adult with children living in Cumberland county NC.
Susan Rossman

From: [Mike Watters](#)
To: [SVC_DENR.publiccomments](#); [gcrugainstpfas@gmail.com](#)
Cc: [Amy Cannon](#); [ajames@wwaytv3.com](#); [Amy Cutler](#); [Greg Barnes](#); [Michael Boose](#); [Beth Markesino](#); [Emily M. Williams](#); [Bladen Journal](#); [Kemp Burdette](#); [Carrol Heiner](#); [Caballero, Grey Wilton](#); [Sen. Kirk deViere](#); [Debra Stevens-Stewart](#); [Randa Dunn](#); [Devane, Steve](#); [Nx Dr John Stevens & Murel](#); [Knickmeyer, Ellen](#); [Ferentz, Jesslyn](#); [Benzoni, Francisco](#); [Fran Minshew](#); [Kenneth Cannon](#); [Ethereal Films](#); [rose.hoban](#); [Rep. John Szoka](#); [Josh Stein](#); [Kayla Strayer](#); [Kathleen Gallagher](#); [Larry L. Lancaster](#); [Cooper, Roy A](#); [newsroom](#); [newstips](#); [newsroom@wect.com](#); [pwoolverton@fayobserver.com](#); [Robert Wesselman](#)
Subject: [External] Written Non-Concurrence to the proposed Groundwater Corrective Action Plan
Date: Friday, February 21, 2020 2:38:08 PM

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Michael A Watters
6975 Point East
Drive
Fayetteville, NC

28306

(910) 424-2162
wattersm@gmail.com

Department of Environmental Quality

Secretary Michael Regan

RE: Written Non-Concurrence to the proposed Groundwater Corrective Action Plan

1601 Mail Service Center

Raleigh, N.C. 27699-1601

publiccomments@ncdenr.gov

Subject: Public Comment to the proposed Groundwater Corrective Action Plan

1. I am one of the "affected parties: per 15A NCAC 02L .0202(c) and § 143-215.2A. (Relief for contaminated private drinking water wells). **I DO NOT CONCUR** with the Corrective Action Plan (CAP) as written. I am providing my non-concurrence IAW15A NCAC 02L .0106(k) (3) and provide my written notification to the Secretary of DEQ and Governor of the State of North Carolina. I demand equal treatment under the laws of North Carolina and demand Secretary Regan force Chemours and/or Dupont to provide a Permanent Solutions for all wells found to be contaminated in exceedance of NC Groundwater Standards listed in 15A NCAC 02L .0202. It is the belief that § 143-215.2A, which was enacted in June 2018 and became a State Statute can still be used to force Chemours and/or Dupont to run water at their expense. Paragraph 34 utilized the verbiage Session Law 2018-5 Sec 13.1(c) when it was signed and enacted in February 2019 over 8 months after § 143-215.2A had been enacted as a State Law. Referring to it as Session Law 2018-5 Sec 13.1 (c) thus makes the limitations that DEQ attempted to place on the use of § 143-215.2A invalid. Since the enactment of the Consent Order Chemours has been in violation in all testing of wells as they are not testing for all chemicals agreed upon in Attachment C as both **PFMOPrA (Perfluoro-3- methoxypropanoic acid) & PFMOBA (Perfluoro-4-methoxybutanoic acid)** are not tested for. GEL Labs can test for these two compounds as they

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(2) that the time and direction of contaminant travel can be predicted with reasonable certainty;

(3) that contaminants have not and will not migrate onto adjacent properties, or that:

(A) such properties are served by an existing public water supply system dependent on surface waters or hydraulically isolated groundwater; or

(B) the owners of such properties have consented in writing to the request;

4. There is still contamination in our trees specifically pine type trees and our soil that Chemours has no intention of remediating. This will continue to have pass through contamination caused by rainfall passing thru the vegetation. As such (1) will not be achieved and neither will (2) above. Contaminants have migrated off of the Fayetteville Works Facility to the adjacent properties as far as 11 miles from the center of the facility covering an area in excess of 125 square miles and growing. All properties could be provided public water supply

IAW 15A NCAC 02L .0106 (k) at far less in cost than the cost to remediate an area over 125 square miles. Of whole home water filtration could be provided to all homes with detection of PFAS in exceedance of the NC Ground Water Quality Standards. Chemours can make the choice to fund billion to tens of billions of dollars of cleanup or millions for providing permanent whole home solutions. I do not consent IAW (3)(B) until Chemours provides that resolution voluntarily or forced by the State.

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5. IAW 15A NCAC 02L .0106 (k) Any person required to implement an approved corrective action plan for a site subject to Paragraphs (c) or (e) of this Rule may request that the Secretary approve such a plan without requiring groundwater remediation to the standards. A request submitted to the Secretary under this Paragraph shall include a description of site-specific conditions, including information on the **availability of public water supplies for the affected area**; the technical basis for the request; and any other information requested by the Secretary to evaluate the request in accordance with Subparagraphs (1) through (7) of this Paragraph.

6. The manner in which the consent order lists § 143-215.2A as a State Law that was enacted in June of 2018 prior to the Enactment of the Consent Order in February of 2019. Session Law 2018-5 Sec 13.1 (c) is irrelevant as it had been enacted as a State Law prior upon ratification in June of 2018. So it should not have been referred to as Session Law 2018-5, but as the State Statute and since listed incorrectly in Paragraph 34 of the Consent Order is invalid and the Secretary of DEQ can still force the polluters to pay for permanent whole solution be that Whole Home Granular Activated Carbon or the running of Public water Systems to all homes found with a well in violation of the NC Ground Water Standards.

7. 15A NCAC 02L .0106 (a) **Where groundwater quality has been degraded, the goal of any required corrective action shall be restoration to the level of the standards, or as closely thereto as is economically and technologically feasible as determined by the Department in accordance with this Rule.** If Chemours and/or Dupont cannot remediate all wells they have contaminated in violation of the 15A NCAC 02L .0202 standards. **For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as**

otherwise provided in the rules. At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible. The size of the area encompasses thousands of private land parcels and any remedial construction activities using currently available remedial technologies (excavation and groundwater extraction) would be very disruptive to the local community and this disruption would continue for a lengthy period of time. Any remedy which in principle could help make progress towards PQLs over this large area would cost in the billions to tens of billions of dollars.

8. I as one of the “affected parties” are demanding that NC DEQ protect our rights and force Chemours and/or Dupont the polluters to either remediate the damages to our Groundwater Wells or provide permanent whole home solutions i.e. Whole Home Granular Activated Carbon or Public Water connections with a defined period of the polluter paying for the water bills. The same solution provided for the Coal Ash “Affected Parties”.

9. Areas of Corrective Action Plan that indicate why Chemours and/or Dupont should be forced to provide Whole Home Filtration or Public Water for all those with wells that indicate exceedance of the NC Groundwater Standards 15A NCAC 02L .0202(c). When referring to the costs associated with providing the above remediation it must be taken into account that Chemours is gaining a cost savings of \$5,000,000 per month in cost savings for the elimination of shipping the Waste Water to Texas. It must also be taken into account the processing of the Waste from the Netherlands in determining the feasibility of providing public water or Whole Home Solutions to all “affected parties”. Affected Party is any property found with a groundwater well in exceedance of the NC Ground Water Standards established by the NC Environmental

Page xiv

Comply with 2L Rules (CO paragraph 16), including following the policy for the intention of the 2L Rules “to maintain and preserve the quality of the groundwaters, prevent and abate pollution and contamination of the water of the state, protect public health, and permit management of the groundwaters for their best usage by the citizens of North Carolina” (15A NCAC 02L .0103)1; and comply with other requirements of the CO.

Response to Page xiv

Chemours is not in compliance with the Consent Order as they are not testing for all of the Chemicals listed on Attachment C. The two compounds that are not tested for are PFMOPrA (Perfluoro-3- methoxypropanoic acid) & PFMOBA (Perfluoro-4- methoxybutanoic acid). This should be a complaint that all address to Michael Scott # NC DEQ. Prior to approval of a Corrective Action Plan NC DEQ should ensure that the Consent Order is actually enforced.

Page xvi

Because the results of the HH-SLEA and Ecological SLEA indicate that exposures to HFPO-DA in offsite environmental media do not pose a hazard to human health or the environment, site-specific, risk-based cleanup goals were not developed; rather, cleanup goals are based on CO

and 2L rules. ****

For corrective action under 2L rules when no groundwater standard exists, groundwater must, to the extent technologically and economically feasible, be restored to practical quantitation limits (PQLs) except as otherwise provided in the rules. **At present, restoring groundwater to PQLs onsite or offsite is technologically and economically infeasible.**

For offsite groundwater receptors, provide public water connections or whole building filtration units or reverse osmosis units to qualifying surrounding residents (CO paragraphs 19 and 20);

Response: to Chemours CAP Page xvi

Most all wells tested have multiple Chemicals in the wells. Some as many as 9- 16 yet in documents like this Corrective Action Plan you will see Chemours discussion relate to only HFPO-DA. In the Ground Water Quality Standard of the State of North Carolina under 15A NCAC 02L .0202(b)(2) Where two or more substances exist in combination, the Director shall consider the effects of chemical interactions as determined by the Division of Public Health and may establish maximum concentrations at values less than those established in accordance with Paragraphs (c), (h), or (i) of this Rule. In the absence of information to the contrary, in accordance with Paragraph (d) of this Rule, the carcinogenic risks associated with carcinogens present shall be considered additive and the toxic effects associated with non-carcinogens present shall also be considered additive.

I as an “affected party”: per 15A NCAC 02L .0202(c) and § 143-215.2A (Relief for contaminated private drinking water wells) demand that the Secretary of DEQ and Governor of the State of North Carolina force Chemours and/or Dupont to provide a Permanent Solution for all wells found to be contaminated in exceedance of the NC Groundwater Standards as the remedy for our contaminated wells based on the admission that Chemours has no plan for remediation of our contaminated properties.

From: dbauereis@ec.rr.com
To: [SVC_DENR_publiccomments](#)
Subject: [External] Chemours proposed ground water corrective action plan.
Date: Friday, February 21, 2020 11:38:17 AM
Importance: High

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Thank you for the opportunity to comment on the proposed corrective groundwater action plan for Chemours.

1. The primary issue is the corrective part is grossly inadequate. I have 25 years' experience in environmental management dealing with contaminated sites. The fact that Chemours has pollute 45,000 acres of groundwater with toxic chemicals that have in turn gotten into water supplies since the 1980s is shocking. Chemours is liable because of joint and several liability and yet it wants to avoid paying for the appropriate cleanup. Chemours and Dupont previously have profited for their shareholders for decades at the expense of protecting the people of N.C. The company profited as did the shareholders and now the company and not the citizens of N.C. should pay for an adequate cleanup.
2. Chemours' plan to leave contaminated groundwater in situ is unacceptable. Steps must be take to prevent further movement of contaminated groundwater. At a minimum means to stop movement of groundwater further offsite by pump and reinject should be instituted. Furthermore all contaminated wells should be made whole with community water systems. This has been done for coal ash sites with far less toxicity in the groundwater.
3. It is incumbent upon DEQ to protect the people of N.C. and not Chemours bottom line.

Elizabeth Bauereis, PhD
416 Black Diamond Drive
Wilmington, NC 28411

From: [Ashli Gibson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours: An Urgent Call for Accountability
Date: Friday, February 21, 2020 9:09:44 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

To Whom it May Concern:

I live in Wilmington and serve as a maternity care provider. I am a certified nurse midwife which means I have years of experience as a labor and delivery nurse but also have my masters degree in nursing. Within my professional role I provide prenatal care at the Brunswick County Health Department as well as at a private clinic in Wilmington. I also attend births at New Hanover Regional Medical Center. I am aghast that Chemours has yet to be held accountable for the atrocious environmental injustices it has engaged in by spilling toxic chemicals into our water and air.

Of particular concern, I find it unfathomable that we continue to let the pregnant women of our community and their unborn babies be exposed to chemicals that we know have serious health implications. PFAs have been shown to disrupt the endocrine system which controls our hormonal regulation. It has also been linked to certain kinds of cancer. Even more concerning we know PFAs go through the placenta to the developing fetus. Animal studies have shown when a fetus is exposed to PFAs puberty can be disrupted, the liver can be affected and of particular concern a higher fetal mortality rate is seen. Just as alarming, PFAs have been associated with higher rates of preeclampsia during pregnancy (a life threatening condition that affects the mother by causing significant increases in blood pressure). I can testify that our region has concerning rates of preeclampsia which has significant implications for our mothers and babies.

It is absolutely unacceptable that we continue to allow Chemours to expose the women and children of our community to harmful chemicals without any accountability or repercussions. Chemours should absolutely pay to clean our water and help establish the systems that are needed to filter the waste that they create. The current plan that Chemours has proposed would leave the groundwater contaminated and would thus continue to expose our community members to detrimental chemicals. I continue to be completely incredulous that for decades the priorities of a company are being placed higher than the health of the individuals in our community. Please, finally take the necessary steps to hold Chemours accountable and stop putting our community members at unnecessary risk.

Ashli Gibson, CNM, MSN (she/her)
Coastal OB/GYN Specialists & Midwifery
704-219-0254

From: [Hap](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours
Date: Thursday, February 20, 2020 10:52:04 AM

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It's time to make sure that Chemours is held responsible for their pollution of air & water. Make sure they stop & that they pay to clean up their mess.

Sincerely,
Hap Kimmel
Wilmington, NC

Sent from my iPad

From: [Sheila Kerrigan](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours pollution
Date: Wednesday, February 19, 2020 8:12:32 PM

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Dear Department of Environmental Quality,

I'm assuming you include water quality in your mission. The Chemours plant must clean up its pollution and pay for the cleanup. Their plan leaves toxic pollution in the ground and ground water and rivers and streams.

The Department of Environmental Quality must protect North Carolinians from the toxic outflow produced by Chemours.

Thank you for your attention to the Environmental Quality of NC.

Really, this isn't a hard call.

Best Wishes,

Sheila Kerrigan

kerrigan@mindspring.com
<http://www.collaborativecreativity.com>
919-929-1624
919-360-0690 cell
2310 Stansbury Rd.
Chapel Hill NC 27516

From: [Mark Russell](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours" Corrective Action Plan
Date: Wednesday, February 19, 2020 7:21:34 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Please be aware of the following:

1. Chemours has polluted 45,000 acres of groundwater with toxic chemicals and poisoned the public and water supplies for decades, yet now it proposes to avoid paying what's needed to protect people and our communities. Why should we pay for safe drinking water that has been tainted by their negligence?
2. Chemours' plan would leave highly contaminated groundwater at the site and do little to stop pollution from leaking into people's wells and into rivers and streams.
3. DEQ must ensure that Chemours—not families nearby and downstream communities—pays the costs to clean up its pollution.
4. Chemours must be made to put the health of North Carolinians living near the facility, the Cape Fear River and downstream communities ahead of its bottom line—which this proposed plan fails to do.

It is time for action to stop this dangerous company from continuing to poison North Carolinians.

Chemours must be held responsible and forced to pay!

Best regards,
Mark Russell
6213 Lydden Road,
Wilmington, NC 28409

From: [Suzy T. Kane](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] 45,000 acres of Polluted Groundwater
Date: Wednesday, February 19, 2020 5:53:28 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Dear DEQ:

The people living and working on top of the 45,000 acres of groundwater polluted by Chemours are innocent.

The people whose water comes from the Cape Fear River downstream of the 45,000 acres of groundwater polluted by Chemours that leak into the river are also innocent.

Whether these people get their water from below the ground or from the river, they have the expectation that the water they need to live is clean. They did not pollute it. Chemours polluted the water.

Innocent people should not have to pay for pollution cleanup. Chemours is guilty of polluting the water, and Chemours should pay for the cleanup. There is nothing ambivalent about who is responsible for the cleanup. It is clear that Chemours should pay for it.

Sincerely,

Suzy T. Kane

100 Braxlo Lane
Wilmington, NC 28409

Cell: 910-619-6082
Email: suzytkane@gmail.com

From: [Peggy Gordon](#)
To: [SVC_DENR.publiccomments](#)
Cc: [Kemp Burdette](#)
Subject: [External] Our water
Date: Wednesday, February 19, 2020 5:04:43 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

The EPA won't hold Chemours accountable. It's time DEQ does its job and protects the quality of our water. They need to be held accountable for the poison they are dumping in our rivers. Do we need another Flint? I pay for water in Leland, that I cannot drink. Chemours has polluted 45,000 acres of ground water. They need to clean up this mess. People in government in the state of Michigan went to prison, is that the path we need to go down? Margaret Gordon Leland NC

From: [Murray Whitehill](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours/Dupont
Date: Wednesday, February 19, 2020 5:04:18 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

My wife and I moved to Wilmington in 2013 to take advantage of the mild climate and the access to the ocean and surrounding rivers. Unfortunately she died in 2016 from thyroid cancer. Shortly after that it was disclosed that Chemours/DuPont had been dumping toxic chemicals into the water supply of Wilmington and surrounding areas for decades. It will never be known if the local toxins were responsible for my wife's death, but there is certainly a possibility that the toxins will be responsible for illnesses developed in the future by the residents of this area. It is presently unknown what damage may be caused by these chemicals over a lifetime.

Chemours/Dupont has known all along that the dumping of toxic material into the water supply was wrong. I am sure that they rationalized that it was cheaper to dump it and possibly have to pay fines in the future for doing so, then it was to dispose of their waste responsibly. They need to be held fully accountable and forced to pay for not only remediation but also for water filtration systems for all municipalities that use water from the Cape Fear River.

Murray Whitehill
318 Buccaneer Rd
Wilmington, NC 28409

From: [James Demetrius](#)
To: [SVC_DENR.publiccomments](#)
Cc: dana@cfw.us
Subject: [External] Chemours must be held accountable!
Date: Wednesday, February 19, 2020 4:57:17 PM

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Chemours must pay for comprehensive industrial clean up, pay for water RO systems for municipalities and homes, pay for all health associated conditions and pay those affected substantial punitive damages.

Additionally, those involved need to be charged with crimes against humanity.

James Demetrius
Wilmington, NC

From: [Alicia Lanier](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Public Comments on Chemours
Date: Wednesday, February 19, 2020 4:52:15 PM

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Please consider my comments below:

- 1.) Chemours has polluted **45,000 acres** of groundwater with toxic chemicals and poisoned the public and water supplies for decades, yet now it proposes to avoid paying what's needed to protect people and our communities.
- 2.) Chemours' plan would leave highly contaminated groundwater at the site and do little to stop pollution from leaking into people's wells and into rivers and streams.
- 3.) DEQ must ensure that Chemours—not families nearby and downstream communities—pays the costs to clean up its pollution.
- 4.) Chemours must put the health of North Carolinians living near the facility, the Cape Fear River, and downstream communities ahead of its bottom line—which this proposed plan fails to do.

Alicia Lanier

From: anthony.brizzolara
To: SVC_DENR.publiccomments
Subject: [External] Chemours polluting our drinking water
Date: Wednesday, February 19, 2020 4:31:39 PM

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To the DEQ – As a relatively new resident of the greater Wilmington area I am horrified over the scope of the pollution Dupont/Chemours has been allowed to perpetrate for the past oh so many years. To allow a company, any company, to discharge ANYTHING into a regions water supply is negligence bordering on criminal. To fail to hold Dupont (or its fake spinoff company Chemours) responsible and make them pay and pay to clean up and/or remediate or provide the technology to remove these poisons from our DRINKING WATER would constitute a gross abdication of your responsibilities to the public. The latest revelations about the amount of these forever chemicals in our water and our SCHOOLS' water is appalling. I hope your agency will fulfill its duty to the public and make Dupont/Chemours pay for knowingly polluting our drinking water and poisoning your constituents. Its time to hold polluters feet to the fire and show North Carolinians that their government is working for THEM, not Dupont/Chemours.

Sincerely,
Anthony Brizzolara
Leland, NC

Sent from [Mail](#) for Windows 10

From: [Gail haas](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Water pollution
Date: Wednesday, February 19, 2020 4:26:43 PM

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It is immoral to put financial gain ahead of public safety.

Corporations have a responsibility to pass on to future generations—their own children and grandchildren—a planet in which to thrive.

--

Gail Haas

From: [steve.roberts](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours
Date: Wednesday, February 19, 2020 4:23:10 PM

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Chemours must pay for the contaminants It put in the air, water and ground and made a profit from
— by cleaning up its pollution!

Sincerely,
Steve Roberts
Wilmington NC

[Sent from Yahoo Mail for iPhone](#)

From: [Annie Anthony](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Wilmingtons Water
Date: Wednesday, February 19, 2020 4:03:45 PM

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I'm very distressed about the current state of our water. I would like you to do whatever is necessary to make sure our water is clean and free of any chemicals from Chemour and/or any other company. Thank you so much.

Annie M. Anthony
a.anthony944@gmail.com

From: [Brandon Huelsman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemour Consent Order Public Comment
Date: Wednesday, February 19, 2020 1:34:50 PM

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Comments:

F. COMPLIANCE MEASURES – REPLACEMENT DRINKING WATER SUPPLIES

19. Chemours should supply whole home water filtration systems and maintain them for the life of the owners or supply public water if ANY LEVEL of GENX or PFAS compound are found. None of the compounds are natural and SHOULD NOT be found in public drinking wells. It shall be whole home for all or public water. RO systems need to be only temp fixes.

c. if DEQ determines that connection to a public water supply to a an affected party would be cost-prohibitive (i.e., greater than \$75,000) or unsafe, DEQ may authorize provision of a permanent replacement water supply to that affected party through installation and ongoing maintenance of either a whole building filtration system approved by DEQ or reverse osmosis systems approved by 25 DEQ installed at every kitchen and bathroom sink (at the election of the affected party).

Who is this going to be cost-prohibitive to? Chemours needs to be paying for it no matter what the cost this is peoples drinking water, bathing water, cleaning food water. It does not matter the cost. This decision should not be left up to the State or Chemours. This is a decision that needs to be left up to the individual owner.

20 . Provision of Reverse Osmosis Drinking Water Systems: Chemours shall provide for and properly maintain permanent replacement water supplies through the installation of three under sink reverse osmosis drinking water systems approved by DEQ for any party (i.e., household, business, school, or public building) that does not qualify for permanent replacement of a private drinking water supply pursuant to paragraph 19 with a drinking water supply well contaminated by:

This section should be combined back with section 19 in stating that any levels. It should not matter the level since they are man-made compounds that non one in this area asked or expected to be in their wells. Chemours is responsible and they need to be held accountable and the State and counties need to hold them accountable systems are only temp fixes. Whole home filters or public water is the only solution that is acceptable.

24. Drinking Water Compliance Plan:

Enforce the plan. Chemours DID NOT flush any plumbing, replace any filters, water softeners already installed. It is clearly stated that they will WHO is enforcing this. This statement needs to change to any system needs to be flushed and/or replaced. Not limiting it to just section 19.

H. Why is Cumberland county not included on this? They sit in Cumberland County.

29. They should NOT be allowed to release ANY PFAS into the environment again. No matter how safe they say they are. That is about the worst statement ever. It's just asking for a repeat.

32.

a. Act of God is too vague. An act of God should not cause them to release PFAS or any pollutant into the environment. They SHOULD have backup systems that prevent this. Even waste water treatment plants have backups to prevent dirty water from getting discharged into the system. The wording needs to be changed to at least say that Act of God only if all forms of backup systems fail or something to that effect. Because otherwise they can claim act of God any time there is a wind storm and it bumps a pipe or their electricity flickers. They clearly are not the most trustworthy or moral company so they need to be helped in this manner.

From: [Carrol](#)
To: [SVC_DENR.publiccomments](#)
Cc: [Mike Watters](#)
Subject: [External] Public Comment Chemours CAP
Date: Tuesday, February 18, 2020 3:00:00 PM
Attachments: [Chemours CAP Public Comment.docx](#)

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Attached is my comment on the Chemours Corrective Action Plan.

Carrol Heiner
2678 County Line Road
Saint Pauls, NC 28384

GEOSYNTEC CONSULTANT

CHEMOURS CAP

PUBLIC COMMENT

17 February 2020

Re. Geosyntec Project Number TR0795

As a resident of the Grays Creek Community I have a stake in the approval/disapproval of the Chemours CP. After reviewing the Chemours CAP submitted to the NC DEQ I am disappointed with the lack of remediation addressed to clean-up the contamination of our wells, air and soils. I respectfully submit the following for consideration:

- 1) The repair of the well water contamination of this community has not been addressed in this document. They wish to say that it is too expensive to provide anything except to offer our residents bottled water, under sink RO Systems, and for those with the highest contamination a GAC (Granular Activated Charcoal) system and in some cases a Whole House Reverse Osmosis system.
 - a. Under sink RO systems only address drinking water. The research on GENX and it's derivative and alternative chemicals is showing harmful effects through exposure of the skin and other organs.
 - b. Chemours/DuPont have made a huge profit from production of chemicals used in manufacturing numerous products for monetary gain. We the residents are expected to accept their plan of "No other action required by Chemours" attitude. This is totally unacceptable.
 - c. Chemours should be required to replaced our contaminated wells with a Municipal Water system at no expense to the residents. Anything less is a message to all who would pollute the environment that they have a green light to contaminate the environment with no repercussions to their business bottom line and no responsibility for the result of their illegal dumping and incineration of a chemical that they have known for many years has serious side effects on people and animals. The proposition that tax dollars may be used to correct the water contamination is yet another slap on the residents of this community as well as all residents of the State of North Carolina as they will be paying through their taxes for the clean-up. This is not acceptable.

- 2) Although the incineration of polyfluoroalkyl substances may be a fix as to future airborne contamination the soil and ground waters this does not constitute a repair of our contaminated lands. Their CAP does not sufficiently address the long-term effects. A recent study has shown that the PFAS on our soil today will take a decade to reach the ground water in our wells. There will be a spike in PFAS/PFOA/GENX in the wells.

a. Their focus of "expense" and "disruption" are not a remedy. This must be addressed. While I agree that it will be expensive and disruptive to repair, Chemours/DuPont did not concern itself with that when they knowingly dumped illegal deadly contaminants in our river, streams, air and soil. They in fact built their business on producing materials sold around the world and reaped the money benefits for their shareholders.

b. The lands in the Grays Creek Community are contaminated with PFAS and PFOA and many other chemicals at the hand of Chemours/DuPont. This has been happening over a 30+ year period. It has left the soil unsafe for producing consumable food products. This is a violation of our basic God given right to produce food to support life.

3) Their CAP only addresses the repair of Chemours on-site property. This is all well and good but they not only contaminated what is owned by them but they contaminated what is owned by the residents of this community, our homes, churches, schools and public meeting places, businesses and farm lands.

4) The NC DEQ policies on issuance of future permits to Chemours/DuPont need to be reconsidered in light of the fact that Chemours/DuPont have had unreported spills and accidents over a 30-year period but still receive permits. It is unconscionable to continue issuing them permits while they continue to contaminate. As I see it, when they have an accident and NCDEQ is noticed or simply catches the errors but then gives them more permits we need to set additional parameters on permits. It is time to stop the contamination and bring our health and safety to the #1 priority.

5) Water and food are basic requirements to support life. When the water, soil and air are contaminated as to make habitation unsafe we all lose.

The representatives of the State of North Carolina and their appointed directorates must take a stand on the environmental health and safety of the residents and environment of this state. I DO NOT accept the reparations proposed in the GEO plan as it pertains to the Grays Creek Community water wells, lands, and air surrounding the Fayetteville Plant.

Carrol Heiner
2678 County Line Road
St Pauls, NC 28384
910-308-9112

(Resident since 1981)

From: [Marty Aden](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours correction plan
Date: Thursday, February 13, 2020 9:09:12 AM

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Hello,

I would like to propose that Chemours be responsible for, and pay for, clean-up efforts across the state of North Carolina; pay for the installation and maintenance of reverse osmosis filtration systems in all the schools that are in areas which test positive for GenX and/or PFAS and/or other chemicals released by Chemours into our water supply; conduct testing in areas in which Dupont facilities were located; pay for the installation and maintenance of filtration systems for water utilities in areas that test positive for PFAS and/or other chemicals; and establish a green disposal plan for members of the public to dispose of their reverse osmosis filters so that they don't end up in landfills.

Thank you for hearing my comments.

Sincerely,
Ms. Marty Aden
Wilmington NC

From: [Joy DeMeglio](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] We demand clean water
Date: Wednesday, February 12, 2020 9:30:03 AM

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Dear NC DEQ,

As a citizen of Brunswick county, it's critical to me that Chemours be required to clean up their mess, beyond their property line. My children are afraid to drink the water and that is criminal on Chemours and all legislatures part for not cleaning up this issue.

- 1.Reverse Osmosis filters in all public schools
- 2.Testing and monitoring of all Dupont / Chemours facilities where PFAS / GenX was produced.
- 3.Ground water remediation / cleanup any place where PFAS/GenX contamination has been found.
- 4.Statewide regulations on all PFAS chemicals
- 5.Filters installed at water utility companies that test for multiple PFAS contaminates
- 6.Municipal incinerators and a public access plan for proper disposal of PFAS filters

Joy A DeMeglio
633 Wild Rose Way
Southport, NC 28461

From: [Michael DeMeglio](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours proposed groundwater corrective action plan
Date: Tuesday, February 11, 2020 5:21:40 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Dear NC DEQ,

As a citizen of Brunswick county, it's critical to me that Chemours be required to clean up their mess, beyond their property line.

1. Reverse Osmosis filters in all public schools
2. Testing and monitoring of all Dupont / Chemours facilities where PFAS / GenX was produced.
3. Ground water remediation / cleanup any place where PFAS/GenX contamination has been found.
4. Statewide regulations on all PFAS chemicals
5. Filters installed at water utility companies that test for multiple PFAS contaminates
6. Municipal incinerators and a public access plan for proper disposal of PFAS filters

Michael A DeMeglio
633 Wild Rose Way
Southport, NC 28461

From: [Kathy Hall](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Demands
Date: Tuesday, February 11, 2020 11:01:32 AM

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We need to demand clean up across our state where PFAS contamination have tested positive.
We demand filters in our schools
We demand testing at all prior owned DuPont facilities
We demand statewide regulations on all PFAS chemicals
We demand filters installed at water utility companies that test for multiple PFAS contaminate
We demand a incinerator for proper disposal of carbon disposal
We demand a program set up so that community members can drop off their RO filters to be properly incinerated instead of landing up in a landfill

"The entire sum of existence is the magic of being needed by just one other person." Vi Putnam

Kathy Hall
khall10234@aol.com

From: [Philip Besner](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] PFAS
Date: Tuesday, February 11, 2020 10:48:13 AM

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Polluters need to be held accountable. This is an egregious violation of public trust. All costs associated with cleanup must be covered by those responsible for polluting.

From: [Kathy Hall](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] PFAS, GENX
Date: Tuesday, February 11, 2020 10:30:03 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

I am 67 and live in Leland, NC. I have had to use bottled water for at least 10 years for drink and cooking. This has cost me so much, and I live off of social security. People are ill and dying! I even give my dog bottled water. It's like we live in a 3rd world country! HELP US!
"The entire sum of existence is the magic of being needed by just one other person." Vi Putnam

Kathy Hall
khall10234@aol.com

From: [MARTHA W GIROLAMI](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Proposed Groundwater Action Plan
Date: Monday, February 3, 2020 1:17:45 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Regarding this Plan, there needs to be 2 or 3 public hearings on this complicated, long document. Although the comment period was extended to Feb. 5 2020, this is not adequate.

There should be NO new pollution by groundwater, air or surface water by the Chemours forever chemicals such as PFAS, GEN X, PFOA etc.

I favor closing Chemours and requiring an extensive clean up. Job training and financial support should be available for laid off workers. These monies should come from DuPont and Chemours. They are criminal.

From: [bmchristian](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Subject: Drinking Water Contamination
Date: Sunday, February 2, 2020 4:14:08 PM

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6581 River Road White Oak, NC is a rural area and the only fresheater source is wallwater. Groundwater gets polluted when contaminants- from pesticides and fertilizers is leached from landfills and septic systems, render it unsafe for human use .

2. Consuming this water over a period of time with any percentage of contaminants can/will be detrimental to human health. Past years of consumption must be taken into consideration.

3. Aging occupants living in and using this water poses a higher risk to their health.

4. Ongoing testing implies contamination is present and constitutes future damage to human health

5 For these reason I request water delivery to 6581 River Road Road White Oak,NC 28399 and 15 plus families in surrounding areas to safeguard against future damage to occupants.

In closing your help will be most appreciated in proventing future health issues.

[Sent from AT&T Yahoo Mail on Android](#)

From: [Craig Allen](#)
To: [SVC_DENR_publiccomments](#); kirk.deviere@ncleg.net; [Rep. John Szoka](#)
Subject: [External] Chemours Consent Order
Date: Sunday, February 2, 2020 11:04:40 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

To whom it may concern,

I believe the existing Health Advisory level (MCL) of 140 ng/L for GenX compounds is way too high. Why isn't DEQ using the same MCL as PFOA and PFOS @ 70 ppt for GenX considering DEQ claims they don't know enough about GenX? Many other states have adopted levels at 70 ppt or less, some as low as 10 ppt. My recommendation is to set the MCL at 20 ppt until more testing can be done. People are losing hair, having digestive, thyroid, and kidney issues as well as cancer issues. My wife and I both are experiencing digestive issues and unexplained decreases in energy levels. My wife underwent surgery last year for a bowel blockage that almost killed her. Coincidence? I think not. These are the SAME issues people in Parkersburg, WV experienced. I also believe that NCDEQ should require the testing of ALL chemical compounds that have been produced at the Fayetteville Works site to include PFOA/PFOS. DuPont manufactured (and dumped) these compounds at this site and there is no question that the ground/groundwater is contaminated with them as well.

Understanding that NCDEQ cannot hold Chemours responsible for the actions of DuPont, NCDEQ can hold DuPont responsible and should.

Many of us rely on private wells for drinking water since public water is currently unavailable. Mike Regan, Secretary of NCDEQ, and Gov. Roy Cooper have the ability (and moral obligation) to force Chemours to pay for public water expansion pursuant to § 143-215.2A(b):

§ 143-215.2A(b) If the Secretary orders a person responsible for the discharge or release of a PFAS, including GenX, that results in contamination of a private drinking water well to establish a permanent replacement water supply for an affected party with such a well pursuant to subsection (a) of this section, preference shall be given to permanent replacement water supplies by connection to public water supplies

In my opinion, connection to a public water supply is the only option to remedy the negative health and economic problem we are having. The current Consent Order states that "*if DEQ determines that the connection to a public water supply would be cost-prohibitive (i.e. greater than \$75,000) or unsafe, DEQ may authorize provision of a permanent water supply....*" The cost of such a public water supply project should not be a contributing factor unless NCDEQ and the Governor are willing to go on the record to say that the lives in my family of 4 are only worth \$18,750 each. By placing a dollar amount to the cost of remediation and varying from the laws already in place, NCDEQ and by proxy, Gov. Roy Cooper, appear to be plea bargaining with Chemours at the risk of our lives to limit the impact on Chemours profits.

Keep in mind that the area in and around the Fayetteville Works site is a Class IV protected water supply (WS-IV). By definition from NCDEQ, these are:

WS-IV

Waters used as sources of water supply for **drinking, culinary, or food processing** purposes where a WS-I, II or III classification is not feasible. These waters are also protected for Class C uses.

Class C

Waters protected for uses such as secondary recreation, fishing, wildlife, **fish consumption**, aquatic life including propagation, survival and maintenance of biological integrity, and **agriculture**. Secondary recreation includes wading, boating, and other uses involving **human body contact** with water where such activities take place in an infrequent, unorganized, or incidental manner.

In closing, NCDEQ needs to protect the very people that that they are paid to serve (taxpayers). People are getting physically and financially harmed by DuPont/Chemours through environmental contamination. Chemours must be ordered to pay for the expansion of a public water supply to the affected area. Point of use RO systems are simply not a permanent solution. NCDEQ must follow other states and place the MCL at no higher than 20 ppt for all PFAS compounds. Previous cases such as the Dupont case in Parkersburg, West Virginia and the PG&E case in Hinkley, California have already set precedence regarding groundwater contamination. Do the right thing and protect the citizens, not the big corporations.

Respectfully,
Craig and Gretchen Allen

6820 County Place Drive
Hope Mills NC, 28348

From: [Mary Sweat](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Consent order
Date: Wednesday, January 29, 2020 10:08:30 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Chemours is not doing what is required in the consent order and no one is holding them accountable. They tested our well but did not test for all of the chemicals required in the consent order. We bathe in this poison!!!! No one seems to care! They are making BILLIONS of dollars and providing bare bones bandaids to the community they polluted! More should be required or they need to be shut down! They are poisoning us and not enough is being done to hold them accountable. When will you say enough is enough and quit letting them dictate terms and get by with doing even less than bare minimum?

Mary Sweat

From: [Dennis R Williams](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Gen X
Date: Tuesday, January 28, 2020 9:22:18 PM

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I think the Consent Order that was signed in Feb. 2019 needs to be rewritten as the contamination area is growing every day . The whole house GAC is a better option for more Homeowners that the 3 under counter RO systems . The 140 ppt cap needs removing and follow the NC Groundwater Quality Standards 15A NCAC 2L . 0202(c). Chemours needs to pay for extending water lines to the affected areas instead of the Taxpayer having to foot the bill .

Dennis R Williams
2820 Culbreth Road
Fayetteville NC 28312

Sent from [Mail](#) for Windows 10

From: [Young, Sarah](#)
To: [SVC_DENR_publiccomments](#)
Subject: FW: [External] Public hearings on Chemours' groundwater corrective action plan to address PFAS like GenX at the Chemours Fayetteville Works Site.
Date: Friday, January 24, 2020 10:54:16 AM

From: Wendie Schneider [mailto:waschneider@ec.rr.com]
Sent: Friday, January 24, 2020 10:52 AM
To: Young, Sarah <sarah.young@ncdenr.gov>
Subject: [External] Public hearings on Chemours' groundwater corrective action plan to address PFAS like GenX at the Chemours Fayetteville Works Site.

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Chemours groundwater corrective action plan needs public scrutiny. Please schedule at least 3 public hearings - one in Wilmington, one at Grays Creek Elementary and one in Fayetteville on this issue. Our water supply is vital and citizens need to feel that corrective action is appropriate and thorough.

Sincerely,
Wendie Schneider
member of Cape Fear River Watch
Wilmington NC

From: [Scott Burkart](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Greatly concerned
Date: Friday, January 24, 2020 8:13:27 AM

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In light of the recent news release this is clearly a crisis,
Do something now,

Sent from my iPad

From: 9108240598@mypixmessages.com
To: [SVC_DENR.publiccomments](#)
Subject: [External]
Date: Thursday, January 23, 2020 8:57:00 PM
Attachments: [ATT00001.txt](#)

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov <<mailto:report.spam@nc.gov>>

What about the wells in Hope Mills off of Parkton and Woodington Rd the Mobile Home sub division I have not seen any one checking the wells in these neighborhoods before you get to Cedar Creek or Gray's Creek there are two mobile home sub divisions off Parkton Rd when are they going to check those wells

From: [John Stevens](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Consent order
Date: Thursday, January 23, 2020 12:14:42 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Sent from my iPhone We are very disappointed in our state to give in to such a crooked company I know now what goes on behind closed doors, not only Deq but a governor that hides under his desk. We the people that work hard to make our lives healthy and rewarding, this is what we get for it totally a corrupt political run state.

From: [Young, Sarah](#)
To: [SVC_DENR.publiccomments](#)
Subject: FW: [External] Request for Public Hearing
Date: Thursday, January 23, 2020 10:16:14 AM

From: Tiffany Erichsen [mailto:tiffanyerichsen@gmail.com]
Sent: Wednesday, January 22, 2020 9:37 PM
To: Young, Sarah <sarah.young@ncdenr.gov>
Subject: [External] Request for Public Hearing

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Dear Ms. Young,

This message is request to you and your colleagues at NC Department of Environmental Quality, to hold at least 3 public hearings - one in Wilmington, one at Grays Creek Elementary and one in Fayetteville - on Chemours' groundwater corrective action plan to address PFAS like GenX at the Chemours Fayetteville Works Site. I look forward to hearing from you and to attending one of these hearings.

All the best,
Tiffany Erichsen
New Hanover County, NC

From: [Young, Sarah](#)
To: [SVC_DENR.publiccomments](#)
Subject: FW: [External] Public hearings
Date: Thursday, January 23, 2020 10:13:35 AM

From: marygolob@aol.com [mailto:marygolob@aol.com]
Sent: Wednesday, January 22, 2020 7:47 PM
To: Young, Sarah <sarah.young@ncdenr.gov>
Subject: [External] Public hearings

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Dear Ms Young,
Please hold at least 3 public hearings on Chemours' groundwater corrective action plan to address PFAS like GENX at the Chemours Fayetteville Works Site. Thank you for your consideration.
Best wishes,
Mary Golob
910-617-6499
Wilmington, NC

From: [Young, Sarah](#)
To: [SVC_DENR.publiccomments](#)
Subject: FW: [External] Public Hearings
Date: Thursday, January 23, 2020 10:13:18 AM

-----Original Message-----

From: Paul Antsen [<mailto:paulrantsen@gmail.com>]
Sent: Wednesday, January 22, 2020 5:48 PM
To: Young, Sarah <sarah.young@ncdenr.gov>
Subject: [External] Public Hearings

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The issue of PFAS chemical in the drinking water of North Carolina residents is a concern to many. Public hearings have been called for and I urge that action be taken to schedule and hold such public forums to build the record regarding this hazard to our residents in the Cspe Fear watershed.

Paul Antsen
Sent from my iPhone

From: [Young, Sarah](#)
To: [SVC_DENR.publiccomments](#)
Subject: FW: [External] Public Hearings
Date: Thursday, January 23, 2020 10:12:30 AM

-----Original Message-----

From: Albert Gumbs [<mailto:aeg713@msn.com>]
Sent: Wednesday, January 22, 2020 3:29 PM
To: Young, Sarah <sarah.young@ncdenr.gov>
Subject: [External] Public Hearings

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

I am writing to encourage you to hold public hearings with regard to the Chemours pollution issues affecting our public waterways.

Sent from my iPad

From: [Young, Sarah](#)
To: [SVC_DENR.publiccomments](#)
Subject: FW: [External] Public Hearings
Date: Thursday, January 23, 2020 10:12:13 AM

From: Timothy Brown [mailto:tsbrownjewelry@aol.com]
Sent: Wednesday, January 22, 2020 2:55 PM
To: Young, Sarah <sarah.young@ncdenr.gov>
Subject: [External] Public Hearings

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Hi Sarah,

I just wanted to let you know how important I feel it is to keep the public informed on findings and decisions regarding the Gen X contamination of our water. Having heard that we are ranked number 1 (Brunswick Co.) and 5 (New Hanover Co) in a nationwide survey of water contamination makes it all the more imperative that we are included in the process of finding a solution!!!

Sincerely,

Sandy Brown

T. S. Brown Jewelry
The Cotton Exchange
343 N. Front Street
Wilmington, N.C. 28401

866-436-7872
910-762-3467
910-762-6499 fax

<http://tsbrown.com>

Find us on [Facebook](#)

From: [Young, Sarah](#)
To: [SVC_DENR.publiccomments](#)
Subject: FW: [External] We need public hearings on Chemours
Date: Thursday, January 23, 2020 10:11:59 AM

From: Audrey Dunn [mailto:audrey@cfrw.us]
Sent: Wednesday, January 22, 2020 2:50 PM
To: Young, Sarah <sarah.young@ncdenr.gov>
Subject: [External] We need public hearings on Chemours

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Hello,

We deserve to have at least 3 public hearings on Chemours' groundwater corrective action plan to address PFAS like GenX at the Chemours Fayetteville Works Site. There should be a public hearing in Wilmington, one at Grays Creek Elementary, and one in Fayetteville.

Thanks,
Audrey

--

Audrey Dunn
Environmental Educator
Cape Fear River Watch, Inc. // AmeriCorps
(501) 563-6552

"There is no greater force than that of an idea whose time has come," -Victor Hugo

From: [Young, Sarah](#)
To: [SVC_DENR,publiccomments](#)
Subject: FW: [External] Groundwater
Date: Thursday, January 23, 2020 10:09:42 AM

-----Original Message-----

From: Vicki [<mailto:vickilinc@aol.com>]
Sent: Wednesday, January 22, 2020 8:45 AM
To: Young, Sarah <sarah.young@ncdenr.gov>
Subject: [External] Groundwater

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Please extend your public meetings regarding Chemour's groundwater corrective action to address PFASs in groundwater. This is a serious issue and more public meetings are warranted. Please include Wilmington, Grays Creek Elementary and Fayetteville for public meetings.

Respectfully, Vicki Morrison

Sent from my iPhone

From: [Young, Sarah](#)
To: [SVC_DENR.publiccomments](#)
Subject: FW: [External] Hearings
Date: Thursday, January 23, 2020 10:09:05 AM

-----Original Message-----

From: Mary Lavoie [<mailto:maryellen7973@icloud.com>]
Sent: Tuesday, January 21, 2020 6:41 PM
To: Young, Sarah <sarah.young@ncdenr.gov>
Subject: [External] Hearings

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Please provide 3 public meetings regarding PFAs in groundwater.
Mary Lavoie
220 PineCrest Dr
Fayetteville

Sent from my iPhone

From: [Young, Sarah](#)
To: [SVC_DENR.publiccomments](#)
Subject: FW: [External] we need public hearings!!!
Date: Thursday, January 23, 2020 10:08:33 AM

From: Brittany German [mailto:brittanygerman10@gmail.com]
Sent: Tuesday, January 21, 2020 5:22 PM
To: Young, Sarah <sarah.young@ncdenr.gov>
Subject: [External] we need public hearings!!!

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Hi Sarah,

Who does Chemour's corrective action plan impact the most??? the citizens!!!.

It's the right thing to allow the public an appropriate, and reasonable forum for their voices to be heard on this matter that literally impacts their every day lives, and livelihood in some cases. Please hold AT LEAST 3-4 public hearings regarding the Chemour's plan to address PFAs contamination of the water - those in Wilmington, Fayetteville, and surrounding areas in the watershed are ALL impacted and deserve to be heard. Their opinions and input is critical to ensure a just path forward.

Thank you,

Brittany German
concerned citizen in Wilmington, NC

From: [Young, Sarah](#)
To: [SVC_DENR,publiccomments](#)
Subject: FW: [External] Public Hearings for Chemours CAP
Date: Thursday, January 23, 2020 10:07:30 AM

From: Emily Donovan [mailto:esdonovan@gmail.com]
Sent: Tuesday, January 21, 2020 3:10 PM
To: Young, Sarah <sarah.young@ncdenr.gov>
Subject: [External] Public Hearings for Chemours CAP

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Hi Sarah,

I'm co-founder of Clean Cape Fear. I'm writing to encourage DEQ to hold three public hearings regarding the Chemours Corrective Action Plan for groundwater; one in Wilmington, one in Fayetteville, and one at Gray's Creek Elementary School.

A 2016 Harvard research study showed NC had the third worst PFAS pollution problem in the United States---the Cape Fear watershed was the main source. The quarter of a million residents who drank poisonous levels of PFAS in their tap water for decades should not have to beg their state agency to provide public hearings. Please, do what you know in your heart is the right thing to do. Give us public hearings.

Thank you.

With gratitude,

Emily Donovan
Co-Founder
Clean Cape Fear
FB/Twitter: @CleanCapeFear
www.cleancapefear.org
704.491.6635 | cell

From: [Bonnie Cook](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Pfas destruction to our water
Date: Tuesday, January 21, 2020 12:05:56 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Hi. I am currently a resident living in Michigan. We are well aware of the dangers of pfas and the cancer and health problems that we are developing because of this. I am currently looking to move to North Carolina. These are retirement plans we have had. I am terrified of the water reports. They are 7 times worse than my area in Michigan. There is not enough effort to stop contamination in North Carolina but believe me you should work on this now because people are fighting back and holding not only the companies but also our government officials who are not doing their job to protect and serve the people. I intend to fight for our rights not to be poisoned for a corporate dollar.

Bonnie cook
Sent from my iPhone

From: [Linda Burns](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External]
Date: Tuesday, January 21, 2020 10:07:31 AM

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I have lived on tom staling road in Cumberland county about 7 or 8 miles from this plant i grew my own vegetable what have they (me) done to my family .friends and neighbors who were given these bad vegetable whi is to compensate us(me) for the damage they have wrought. Since i have moved away from the area but still in cumberland county Ok a similar note my family own land about a half mile from tom staling road and used pvt. Well water what of them who is to help them we are all under 10 miles from the bladen / cumberland county line and this plant who is going to help correct this mess can you at least give me some advice as to where to go from here

From: GTHEARLING@ec.rr.com
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Action Plan Comments
Date: Saturday, January 18, 2020 9:45:29 AM

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The proposed Action Plan needs work!

- 1) The proposed Chemours plan does not address cleaning up off site contamination as it is too expensive. Executive summary says "At present, restoring groundwater to PQLs onsite or offsite is **technologically and economically infeasible.**" This should not be an all or nothing action!
- 2) Does not address paying for upgrades to Utility water systems to remove PFAS, just some individual homes with wells; "Provide whole building filtration units (GAC) and/or reverse osmosis units (undersink) to qualifying surrounding residents (CO paragraphs 19 and 20)." This does not address farms needing multiple water/wells for livestock or crops.
- 3) Plan only addresses basically 5 years of actions. There needs to be a requirement for follow-up review and a followup action plan.
- 4) Plan does not address most PFAS chemicals in water.
- 5) Plan just slows ground water on site from getting into river & area aquifers as they are to build a barrier. There needs to be actual on-site clean up, along with cleanup of highly contaminated off-site areas.
- 6) Plan pretty much just takes credit for the new thermal oxidizer to reduce any new PFAS they put into the air. Remember PFAS that is already in the environment are forever chemicals. Chemours talk is 99%, but action plan says; "Reducing the total loading of PFAS originating from the Site to the Cape Fear River by at least 75 percent (%) from baseline (CO paragraph 16)"
- 7) A new NC DEQ Permit for water releases should be part of the plan to address new liquid flows from the Chemours site into the river and aquifers, as the current expired NC NPDES Permit is inadequate
- 8) Vaguely implies they will comply with the current NC DEQ Consent Order; "Comply with other requirements of the CO."

From: [Dwight Willis](#)
To: [sybil burgess](#)
Cc: [SVC_DENR.publiccomments](#); [Pete Key](#); [Dan George](#); [Bob Jakus](#); [Linda Eastman](#); [Marilyn Priddy](#); [Jennifer Swift](#)
Subject: [External] Re: Chemours" Corrective Action Plan Public Comment Period Extension Request
Date: Friday, January 17, 2020 9:33:05 PM

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Thank you!

On Fri, Jan 17, 2020 at 9:30 PM sybil burgess <murraysb@atmc.net> wrote:

Dear DEQ officials,

The Brunswick Environmental Action Team (BEAT) Board of Directors join with the North Carolina Conservation Council and the Southern Environmental Law Center in requesting an extension to the public comment period for the Chemours' Corrective Action Plan to 60 days due to the length of the document. We also request that the DEQ hold three public comment meetings in the following locations, (1) Fayetteville (2) Wilmington and (3) Gray's Creek Elementary School.

Thank you for your consideration of this request,

Dr. Sybil Burgess Murray
UNCW Chemistry/Biochemistry Department (retired)

From: [sybil burgess](#)
To: [SVC_DENR.publiccomments](#)
Cc: [Pete Key](#); [murraysb](#); [Dan George](#); [Bob Jakus](#); [Linda Eastman](#); [Marilyn Priddy](#); [Jennifer Swift](#); [Dwight Willis](#)
Subject: [External] Chemours" Corrective Action Plan Public Comment Period Extension Request
Date: Friday, January 17, 2020 9:30:11 PM

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Dear DEQ officials,

The Brunswick Environmental Action Team (BEAT) Board of Directors join with the North Carolina Conservation Council and the Southern Environmental Law Center in requesting an extension to the public comment period for the Chemours' Corrective Action Plan to 60 days due to the length of the document. We also request that the DEQ hold three public comment meetings in the following locations, (1) Fayetteville (2) Wilmington and (3) Gray's Creek Elementary School.

Thank you for your consideration of this request,

Dr. Sybil Burgess Murray
UNCW Chemistry/Biochemistry Department (retired)

From: [Dana Sargent](#)
To: [Holman, Sheila](#); [Regan, Michael S](#); [SVC_DENR.publiccomments](#)
Cc: [Kemp Burdette](#)
Subject: [External] Cape Fear River Watch and public requests public hearing on Chemours" Corrective Action Plan
Date: Friday, January 17, 2020 5:27:26 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Dear Secretary Regan and Assistant Secretary Holman,

Thank you for extending the public comment period on Chemours' Corrective Action Plan. Cape Fear River Watch -- and the 170+ signatories to [our petition](#) - respectfully request you hold at least three public hearings to include at least one hearing in each of the following locations: Wilmington, Fayetteville, and Grays Creek Elementary School.

We believe it is the public's right to have an opportunity to hear from experts at DEQ, in plain language, what is included in this vital, yet extremely complicated, and to have an opportunity to share their comments in person.

Please take into consideration the 170+ members of the public who signed our petition - in less than six days - and consider the importance of this issue to North Carolina residents who have been poisoned by lack of oversight and regulation on this company and its predecessor for more than 40 years.

Thank you for your consideration,

Respectfully,

Dana Sargent
Executive Director, Cape Fear River Watch
910-444-8080 | dana@cfw.us
www.CapeFearRiverWatch.org



Like us on [Facebook](#)
Follow us on [Instagram](#) & [Twitter](#)

From: [Tim Holder](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Please extend the comment period from 30 days to 60 days for
Date: Friday, January 17, 2020 4:07:37 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

review of the Chemours' Corrective Action Plan.

From: [Esther Murphy](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Extend Public Comment Period for proposed Groundwater Corrective Action Plan
Date: Friday, January 17, 2020 3:12:53 PM

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We know the Corporatocracy has made the DEQ redundant, but please, at least try to act on your duty. The Cape Fear region is under national scrutiny because of what Chemors has done.

1. Extend the public comment period to 60 days
2. Hold at least three public hearings in Fayetteville, Wilmington, and Grays Creek Elementary School

Sincerely,

Esther Murphy
Wilmington, NC

From: [Laura Kline](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Blown Away
Date: Thursday, January 16, 2020 5:47:21 PM

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My name is Laura Kline and I live in Cedar Creek, NC. I came home today to find 24 gallons of water on my front porch. 24 GALLONS!!! There was a letter with information in my storm door basically saying that "your water is probably contaminated, but it's still safe to drink....here's free water and an offer for a filtration system". Why would a company offer me all this free stuff if "my water is safe"?? Why am I being offered this when my results aren't even back yet? I have a feeling that they are expecting high numbers.

Meanwhile, my husband and I are installing an in-ground pool which has been a family goal for many years. Guess where they got the water to fill it??!!? GREYS CREEK!!! So now the images of Erin Brockvich are playing in my head. This information and the sites given do not make me feel better. Who am I to trust? A company that covered it up for 50 years??? I am not grasping the information here. I'm several miles above Chemours. I was given this email from a friend. There are people just now becoming affected by all of this.

Corrective action needs to be taken to make Chemours provide safe drinking water to those they have contaminated. They need to provide entire home filtration or pay for municipal water completely so that people's health is not at risk and so that ALL the surrounding real estate market doesn't collapse. We don't even have the option for municipal water! And the river is across the road from me. And even so, how do we even know that water would be safe.

Please extend the public forums in different locations. The public is still clueless.

Freaking out,
Laura Kline

From: [Michelle Rackley](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours' Corrective Action Plan Comment Extension
Date: Thursday, January 16, 2020 2:58:22 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

To whom it may concern,

I urge you to please reconsider the unreasonably short 30 day period for public comment on the Chemours' corrective action plan. It is highly unlikely that only giving 30 days to review this plan, and providing no public hearings on this matter, will fully and correctly inform the public. The residents of Southeastern North Carolina has been taken advantage of by Chemours' long enough and it is now the DEQ's and the public's responsibility to ensure this wrong doing is corrected.

I urge you to extend the public comment period to AT LEAST 60 days. I also request there be AT LEAST three public hearings in Fayetteville, Wilmington, and the Grays Creek Elementary School. This is the least we can do to ensure an informed public.

Thank you for the consideration,
Michelle Rackley

From: [Lior Vered](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Proposed Groundwater Corrective Plan - Request to Extend Public Comment Period
Date: Thursday, January 16, 2020 11:17:32 AM
Attachments: [DEQ Proposed Groundwater Corrective Plan.docx](#)

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Dear Sir or Madam,

Attached is our comment on the Proposed Groundwater Corrective Plan. In the comment we request an immediate extension of the public comment period to 60 days and the addition of three public hearings in impacted communities.

Thank you for your consideration.

Sincerely,
Lior Vered, Ph.D.

Lior Vered, Ph.D.
Policy Advocate
Toxic Free NC
331 W. Main Street, Suite 411
Durham, NC 27701
Phone: 984-888-0301
Cell: 909-919-6691

Protect NC's environment and community health by supporting our work today!
Toxic Free NC earned GuideStar's 2019 Silver Seal of Transparency



Subject: **Re: Proposed Groundwater Corrective Plan**

January 15, 2020

N.C. Department of Environmental Quality
1601 Mail Service Center
Raleigh, NC 27699-1601

We congratulate NCDEQ's recent Proposed Groundwater Corrective Plan and the Department's effort to protect the health of NC residents and preserve our state's natural resources. As new data was revealed, impacted communities faced many concerns and questions regarding a long-term cleanup plan. The Proposed Groundwater Corrective Plan was long awaited, and we appreciate NCDEQ's effort, diligence and commitment to moving the process along. Toxic Free NC is a state-wide environmental health organization focusing on protecting NC residents from harmful and dangerous exposure to toxics. As part of our work, we raise awareness and advocate for protective regulation of PFAS and work closely with impacted communities throughout the state. As such, this proposed plan is of special interest to us and to our stakeholders.

Unfortunately, we feel the public participation process executed in this matter is insufficient and would not provide stakeholders, impacted communities and concerned NC residents with a meaningful opportunity to engage and weigh in regarding the plan. In particular, the public comment period opened is not long enough to enable meaningful public participation. The Proposed Groundwater Corrective Plan is a highly scientific and technical document that spans over 113 pages. A month is not a long enough period for members of the public to be able to read such a long and technical document, perform any needed background research into the science described in the proposal, form a concrete opinion and write a thoughtful and evidence-based comment.

Additionally, we believe any public participation plan regarding this plan should include public hearings in impacted communities. A written public comment procedure can be less accessible and even exclude some residents of impacted communities. Public hearings will supply members of impacted communities with an additional avenue to voice their thoughts on the proposed plan. Additionally, such public hearings are instrumental in creating engagement among impacted communities through discourse and awareness raising.

We commend NCDEQ's diligence and desire to proceed with the cleanup in a timely matter, but fear that continuing with the current public participation plan and public comment period will unreasonably compromise the ability of NC residents to engage in the public participation process. We therefore ask that NCDEQ extends the public comment period to 60 days, and add a minimum of three public hearings in Fayetteville, Wilmington and Gray Creek Elementary School. Doing so will ensure all stakeholders and impacted communities will have the opportunity to meaningfully engage with NCDEQ and provide thoughtful feedback on this Plan. We are happy to provide additional information on this issue and answer any questions you may have.

Thank you for your consideration.

Respectfully submitted,

Alexis Luckey,
Executive Director,
Toxic Free NC

Lior Vered, Ph.D.
Policy Advocate,
Toxic Free NC

From: [Jo Blackwood](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Proposed groundwater action plan
Date: Wednesday, January 15, 2020 8:14:24 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

The time for public comment should be extended to at least 60 days. This is alot of material.

There should be public hearings on this. People find all this difficult to comprehend. As you represent the people affected, you should insure that they understand. Chemours is not going to do what is right, they are going to do what is cheapest and most expedient for them.

Thank you,

Jo Blackwood
Saint Pauls, NC 28384

From: wilsherinc@embarqmail.com
To: [SVC_DENR_publiccomments](#)
Subject: [External] Chemours Groundwater Action Plan Public Comment
Date: Wednesday, January 15, 2020 8:03:29 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Please extend the period for public comments on this action . I have just received notification that my well is contaminated (and I sure others have) and need more time to catch up on this matter . For instance the letter I received states I am eligible for 3 RO systems installed under sinks , and I need a whole house RO system as I have 5 sinks as well as the icemaker line to the refrigerator .

Thanks
Dennis R Williams
910-391-2571

From: [Gretchen Allen](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours ground water action plan
Date: Wednesday, January 15, 2020 7:58:33 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

It is unacceptable to only offer a 30 day public comment period on the document submitted by Chemours

Please extend the public period to a minimum of 60 days. Please hold at least three public hearings in Wilmington, Fayetteville, and Gray's Creek Elementary School.

This affects our towns and our families

Thank you

Gretchen Allen
6820 County place Drive
Hope Mills NC 28348

PS My well is contaminated fell free to come swim in my inground pool.

From: [Shawn McLaurin](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Public comments and hearings Grays Creek
Date: Wednesday, January 15, 2020 7:56:49 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

DEQ Representatives

Like most in my community, Gray's Creek area, I just had my well water results come in positive just this past Friday.

Our community is requesting that the public comment period be extended 60 to 90 days.

There are new contamination results coming in daily throughout our community and we need time to be heard.

We would also like to have multiple public hearings as our community and surrounding area is becoming larger every day with the new positive results.

S McLaurin

From: [Glenda Hobson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemors
Date: Wednesday, January 15, 2020 7:14:05 PM

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Extend public comment to 60 days. Hold at least three public hearings in Wilmington Fayetteville. and Gray's Creek Elementary school

[Sent from Yoo Mail on Android](#)

From: ericf97@aol.com
To: publiccomments@ncdenr.gov
Subject: [External]
Date: Wednesday, January 15, 2020 7:11:06 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

" <publiccomments@ncdenr.gov>
From: <ericf97@aol.com>
Subject: Please Extend Public Comment Period for Chemours/GenX issue
Date: Wed, 15 Jan 2020 19:10:59 -0500
Importance: normal
X-Priority: 3
Content-Type: multipart/alternative;
boundary="_3233FDA7-74EE-4DC4-9D5C-DD2999E0FB27_"

--_3233FDA7-74EE-4DC4-9D5C-DD2999E0FB27_
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset="utf-8"

Hello,

I believe that the current public comment period is too short. It would benefit the community to extend the period to 60 days rather than 30. Also, I believe that public hearings should be held in Gray's Creek, Fayetteville, and Wilmington to account for the affected population.

Please consider the depth of this issue and how it affects such a large amount of people in southeastern North Carolina.

Thank you for your time,

Eric Floyd

--_3233FDA7-74EE-4DC4-9D5C-DD2999E0FB27_
Content-Transfer-Encoding: quoted-printable
Content-Type: text/html; charset="utf-8"

```
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/* Font Definitions */  
@font-face  
    {font-family:"Cambria Math";  
    panose-1:2 4 5 3 5 4 6 3 2 4;}  
@font-face  
    {font-family:Calibri;  
    panose-1:2 15 5 2 2 2 4 3 2 4;}  
/* Style Definitions */  
p.MsoNormal, li.MsoNormal, div.MsoNormal
```

From: [Anne Cassebaum](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Comment period on PFAS Cleanup Plan
Date: Wednesday, January 15, 2020 7:05:47 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

I wish to join with others in requesting that you extend the public comment period to 60 days and hold no less than three public hearings in Fayetteville, Wilmington, and Grays Creek Elementary School to discuss the PFAS cleanup plan.

We have not had long to study Chemours plan and it is technical in nature and concerns our drinking water and our lives.

Anne Cassebaum
3469 Amick Road
Elon, NC 27244
[336] 449 6843

From: jncobabesp
To: SVC_DENR.publiccomments
Subject: [External] Groundwater Action Plan
Date: Wednesday, January 15, 2020 7:01:27 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Please extend the public comment period to 60 days. In addition we need 3 public hearings in each location Fayetteville, Wilmington and Gray's Creek Elementary. This document must be reviewed by the citizens it will directly affect. Thanks!

Powered by Cricket Wireless

From: [Amy Rahmer](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] DEQ Request
Date: Wednesday, January 15, 2020 6:26:15 PM

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I would like to request the following on the matter of chemours submitted document.

Extend the public comment period to 60 days.

Hold at least three public hearings in Wilmington, Fayetteville, and Gray's Creek Elementary School.

Thank you,
Amy Rahmer
Get [Outlook for iOS](#)

From: [Leslie Dysinger](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours
Date: Wednesday, January 15, 2020 5:37:17 PM

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Please extend the public comment period from 30 days to 60 days on the Chemours documents.

Please schedule and hold at least 3 public hearings in Wilmington, Fayetteville and Grays Creek (preferable at the elementary school).

Leslie Dysinger
Coldwell Banker Advantage
573-433-0166
Ldysinger@hotmail.com

From: [Maria Berumen](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Public Comment Extension Request
Date: Wednesday, January 15, 2020 5:11:44 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

To whom it may concern,

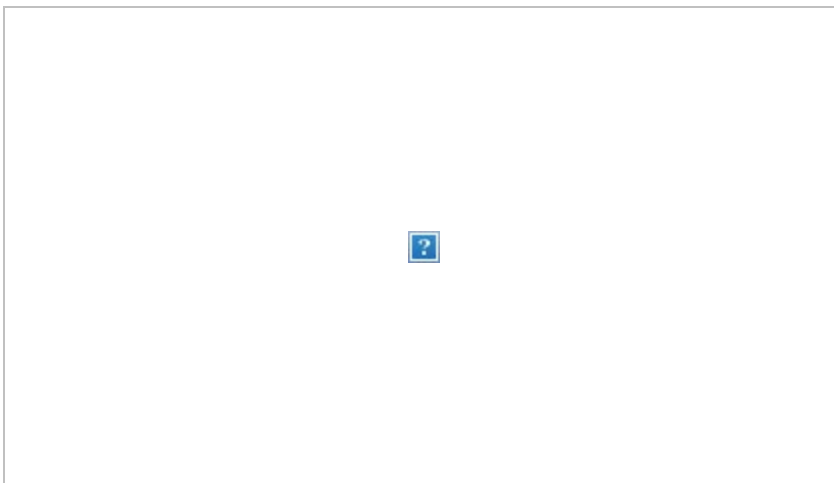
As a concerned citizen and licensed real estate agent servicing the Grays Creek area, I would like to make the following request:

Extend the public comment period to 60 days.

Hold at least three public hearings in Wilmington, Fayetteville, and Gray's Creek Elementary School.

-Maria

--



[the ONE](#) ["Like" me on Facebook!](#)

Refer to [Working With Real Estate Agents](#) for descriptions of agency relationships.

From: [Bill MacCreery](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] PFAS Clean-up
Date: Wednesday, January 15, 2020 5:11:43 PM

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I am nearby requesting the DEQ Extend Public Comment Period on PFAS Cleanup Plan

1. Extend the public comment period to 60 days
2. Hold at least three public hearings in Fayetteville, Wilmington, and Grays Creek Elementary School

Thank you,
Bill MacCreery
Managing Partner
Broad Reach Marketing Services

From: [Audrey Dunn](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Request for Extension on Public Comment Period & Request Public Hearings on Chemours' Proposed Groundwater Corrective Action Plan
Date: Wednesday, January 15, 2020 5:07:33 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

RE: Request for Extension on Public Comment Period & Request Public Hearings on Chemours' Proposed Groundwater Corrective Action Plan

Dear NC Department of Environmental Quality:

On January 6, DEQ released Chemours' proposed groundwater corrective action plan to address PFAS in groundwater and surface water at the Chemours Fayetteville Works Site.

DEQ has decided to provide **only 30 days of public comment for an 1800-page document**—a plan that is **essential** for requiring Chemours to clean up decades of toxic PFAS pollution that has threatened the health and safety of communities in southeastern North Carolina.

Unfortunately, Chemours' plan does not do enough: it does not meet the requirements of the February 2019 consent order, or of state law. Because this document is so lengthy and technical, it is also unacceptable for DEQ to give the public only 30 days to comment. DEQ must provide more time for the public to weigh in on a document that is so critical to protecting our communities.

I therefore request that DEQ:

- extend the public comment period to 60 days; and,
- hold at least three public hearings to include at least one hearing in each of the following locations: Wilmington, Fayetteville, and Grays Creek Elementary School.

Thank you for considering this request. Please contact me to confirm receipt of this request.

Sincerely,

Audrey Dunn
5854 Michelle Dr. Wilmington, NC, 28403
501-563-6552
audreylouisedunn@gmail.com

From: [Rissa Meisner](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Formal request - Gray's Creek resident
Date: Wednesday, January 15, 2020 4:55:51 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Hello! I am emailing you to express my request for both of the following:

PLEASE 1.) Extend the public comment period to 60 days regarding the 1,800 page document Chemours submitted referring to groundwater clean up.

2.) Hold at least three public hearings in Wilmington, Fayetteville, and Gray's Creek Elementary School.

Rissa Meisner
702-275-3322

Sent from my iPhone

From: [Rissa Meisner](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Formal Grey's Creek resident request
Date: Wednesday, January 15, 2020 4:53:39 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Hello! I am emailing you to express my request for both of the following:

PLEASE 1.) Extend the public comment period to 60 days regarding the 1,800 page document Chemours submitted referring to groundwater clean up.

2.) Hold at least three public hearings in Wilmington, Fayetteville, and Gray's Creek Elementary School.

Rissa Meisner
702-275-3322

From: [Patty Kelley](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours' proposed groundwater corrective action plan
Date: Wednesday, January 15, 2020 4:37:48 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

The public comment time is not sufficient as there are 1800 pages to review. Please give more time for the public to review this lengthy document.

Sincerely,

Patty Kelley
1228 N Sleepy Oak Ln
Leland, NC 28451

Sent from my iPhone

From: [Steve W](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Please extend the public comment period to at least 60 days
Date: Wednesday, January 15, 2020 4:24:26 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

This is a very serious issue and requires full investigation and community involvement. You need to hold at least three public hearings in Fayetteville, Wilmington, and Grays Creek Elementary School.

Thank you,
Steve Welgos

From: [Kim Ward](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Extend public comment period for the groundwater clean up
Date: Wednesday, January 15, 2020 4:22:53 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Please extend public comment period to 60 days in response to the 1800 page document Chemours submitted regarding groundwater clean up.

Hold at least three public hearings in Wilmington, Fayetteville and Grey's Creek Elementary School.

Grey's Creek resident.

K

From: [Rob McClellan](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Public comment period
Date: Wednesday, January 15, 2020 3:55:59 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

The 30-day public comment period regarding an 1,800 page document Chemours submitted for groundwater clean up is unacceptable.

I'd like to request the following:

Extend the public comment period to 60 days.

Hold at least three public hearings in Wilmington, Fayetteville, and Gray's Creek ES

Sincerely,
Rob McClellan

From: [Sam Rankin](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Public hearings
Date: Wednesday, January 15, 2020 3:48:13 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Please extend the public hearing period and number of hearings on the chemours issue.

They have ruined our water. They must pay. Please don't let them get away with this.

You know other companies are watching, and if it's cheaper to pay fines than meet regulations ... here they come.

Sam rankin

Wilmington, NC

From: [Kima Nixon](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Request for Extension on Public Comments Period & Request Public Hearings on Chemours' Proposed Groundwater Corrective Action Plan
Date: Wednesday, January 15, 2020 3:43:50 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Sent via e-mail on January 15, 2020 to: publiccomments@ncdenr.gov

RE: Request for Extension on Public Comment Period & Request Public Hearings on Chemours' Proposed Groundwater Corrective Action Plan

Dear NC Department of Environmental Quality:

On January 6, DEQ released Chemours' proposed groundwater corrective action plan to address PFAS in groundwater and surface water at the Chemours Fayetteville Works Site.

DEQ has decided to provide **only 30 days of public comment for an 1800-page document**—a plan that is **essential** for requiring Chemours to clean up decades of toxic PFAS pollution that has threatened the health and safety of communities in southeastern North Carolina.

Unfortunately, Chemours' plan does not do enough: it does not meet the requirements of the February 2019 consent order, or of state law. Because this document is so lengthy and technical, it is also unacceptable for DEQ to give the public only 30 days to comment. DEQ must provide more time for the public to weigh in on a document that is so critical to protecting our communities.

I therefore request that DEQ:

- 1) extend the public comment period to 60 days; and,
- 2) hold at least three public hearings to include at least one hearing in each of the following locations: Wilmington, Fayetteville, and Grays Creek Elementary School.

Thank you for considering this request. Please contact me to confirm receipt of this request.

Sincerely,

Kima Nixon
4176 Lake Ave
Wilmington, NC 28403
717-917-1521
kimanixon@yahoo.com

From: [Paul Abril](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Clean water
Date: Wednesday, January 15, 2020 3:43:49 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

You are asking me to comment on Clemours plant water when they contaminated my residential well and our soil and nothing has been done to correct our problem and it's been 3 yrs now. Our government seems to be doing more for Chemours and nothing for The People that Chemours knowingly released contaminates to our air and water. It's sad how things are today and the value of doing right for the people. It's more about the MONEY.

--

~Pablo~ Est. 1951
Stay Safe and Live Well

From: [The Crawfords](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours document regarding groundwater clean up review
Date: Wednesday, January 15, 2020 3:43:43 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

The public comment period for the Chemours submitted document regarding groundwater clean up should be extend to 60 days. Additionally, DEQ and other responsible parties should hold at least three public hearings in Wilmington, Fayetteville, and Gray's Creek Elementary School.

From: [Heather Muniz](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Clean Cape Fear
Date: Wednesday, January 15, 2020 3:34:55 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Please accept this as my formal request. I'm requesting that you extend the public comment period to 60 days and hold at least three public hearings in Wilmington, Fayetteville, and at Gray's Creek Elementary School.

Thank you!

From: [Katrina Rubiera](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Cedar Creek/Fayetteville NC
Date: Wednesday, January 15, 2020 3:24:40 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Offering a 30-day public comment period on an 1,800 page document that Chemours submitted regarding groundwater clean up is unacceptable.

Please extend the public comment period to 60 days.

You must hold public hearings in Wilmington, Fayetteville, Cedar Creek, and Gray's Creek Elementary School.

Katrina Rubiera

From: [Sarah Kirkland](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Public comment extension
Date: Wednesday, January 15, 2020 3:23:21 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

To Whom It May Concern:

I am a resident of Gray's Creek and am both concerned and outright appalled at your decision to allow us only 30 days to review and comment on the proposed Groundwater Quality Action Plan.

It is impossible, no matter how important this issue is to us, for anyone to read a document of this magnitude in the time allotted and develop an understanding sufficient enough to warrant comment, especially considering we have careers and families to maintain, all while under the constant stress caused by knowing our water, air, and soil are poisoning us.

I moved to Gray's Creek to be near my parents as they began developing health problems only to find out the contamination you continue to allow is the culprit.

We, as citizens of Gray's Creek, Cumberland County, and North Carolina certainly deserve more than we are getting but at the very least deserve more time to review this lengthy document as well as public hearings. You are the Department for Environmental Quality. We are powerless in many ways, but you are not. We rely on you to educate yourselves and us and take charge when a company creates a toxic situation. Step up and do what you exist for.

Pretend for a moment that you live here, that your pets are dying, that your children are showering in Genx. And do the right thing.

Sincerely,

Sarah Kirkland
(910)703-2051

From: [Sara Ruble](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Extension and public hearings !!
Date: Wednesday, January 15, 2020 3:13:00 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<<mailto:report.spam@nc.gov>>

Hello!

You owe the public a 60 day comment extension and to hold atleast 3 public hearings in Wilmington,Fayetteville and Grays Creek Elementary.

Your stance on the groundwater issue is unacceptable. Do something correct by the people who's water you've destroyed and quit trying to hide.

Sincerely,
Sara Ruble
Grays Creek Resident
Sent from my iPhone

From: [Ja Healey](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Please extend comment period
Date: Wednesday, January 15, 2020 3:07:41 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Good afternoon,

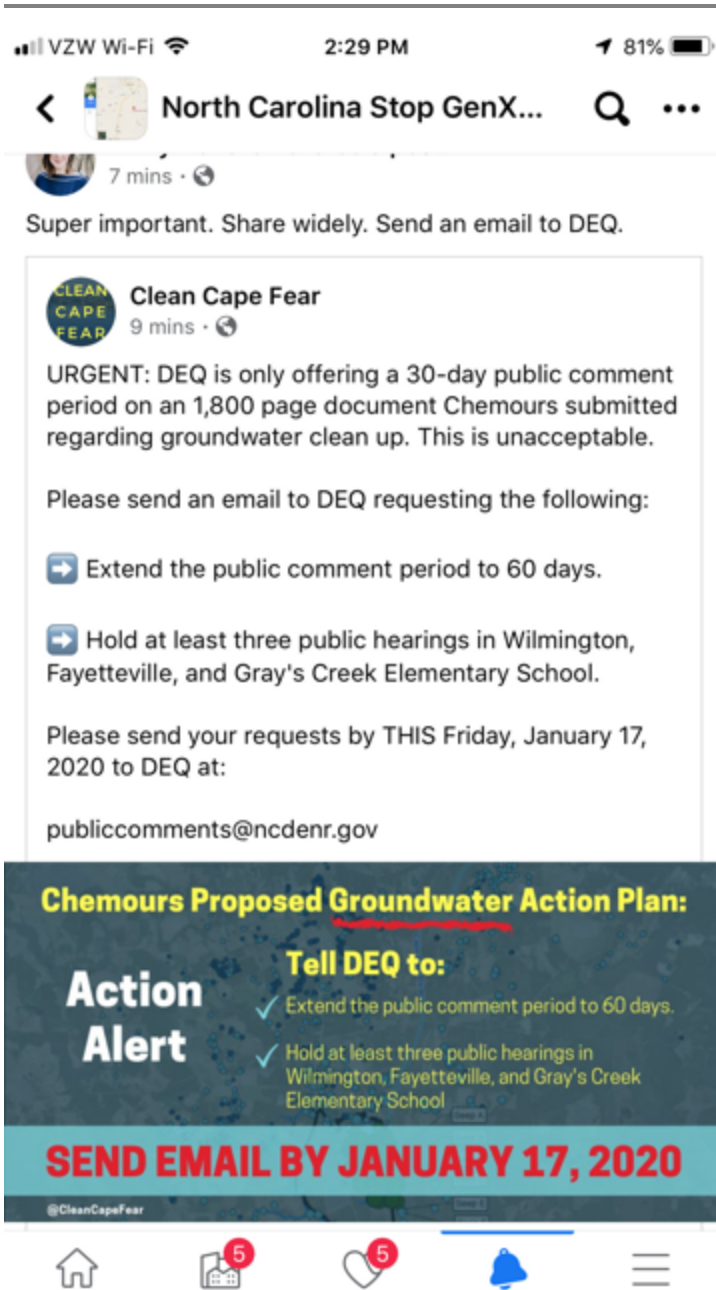
I would like the following to happen:

Extend the public comment period to 60 days.

Hold at least three public hearings in Wilmington, Fayetteville, and Gray's Creek Elementary School.

Thank you
The Healey's

From: [Maura Black](#)
To: [SVC_DENR,publiccomments](#)
Subject: [External] Please allow reasonable time and oversight
Date: Wednesday, January 15, 2020 2:33:50 PM
Attachments: [image1.png](#)



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Sent from my iPhone

From: [Phil Allen](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Ground Water Action Plan
Date: Wednesday, January 15, 2020 2:24:54 PM

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I just saw the time limitation to the groundwater action plan. I would like to ask that the comment period be extended to 60 days and at least three public hearings be held in Fayetteville, Gray's Creek Elementary School, and Wilmington.

I live in Gray's Creek and am just finding out that this is much more wide spread than just to residents along the river by Chemours. More people need to know about this

Thank you
Phil Allen
9105788847

From: [Quando Gerst](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Extend Public Comment Period for proposed Groundwater Corrective Action Plan
Date: Wednesday, January 15, 2020 12:06:05 PM

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Hello, please extend the public comment period to 60 days. I would also like to request that at least three public hearings in Fayetteville, Wilmington, and Grays Creek Elementary School. Thank you!

From: [David Cignotti](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemour's Proposed Action Plan to Address PFAS
Date: Tuesday, January 14, 2020 5:57:09 PM

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A 30 day public comment period for an 1800 page document is not sufficient. Please consider the following recommendations:

1. Extend the public comment period to a minimum of 60 days
2. Hold at least three public hearings, preferably in Fayetteville, Wilmington and the Grays Creek Elementary School

This is too important an issue to rush the public comment period and to not hold several public hearings to give citizens the opportunity to ask questions and have their concerns addressed.

Thank you for your consideration,

David Cignotti
105 Live Oak Drive
Wrightsville Beach, NC 2480

Sent from [Mail](#) for Windows 10

From: [Garraghty, Deborah Lynn](#)
To: [SVC_DENR.publiccomments](#)
Cc: [Kerri Allen](#)
Subject: [External] Chemour's Corrective Action Plan - Public Hearing Extension Request
Date: Tuesday, January 14, 2020 5:01:03 PM

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Hello, my name is Deborah Garraghty and I live in Huddleston, VA but am a student at UNCW, Wilmington, NC. I am writing in regards to the release of Chemour's Corrective Action Plan. Because this document is so lengthy and technical, I am writing to ask that you consider extending the public comment period to at least 60 days, and hold public hearings in Fayetteville, Wilmington and the Grays Creek Elementary School so that community members can have the opportunity to express their concerns to DEQ staff.

Thank you for your attention to this important matter.

Respectfully,
Deborah L. Garraghty

From: [Cahoon, Larry](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Request for Extension on Public Comment Period & Request Public Hearings on Chemours' Proposed Groundwater Corrective Action Plan
Date: Tuesday, January 14, 2020 12:41:30 PM

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Dear NC Department of Environmental Quality:

On January 6, DEQ released Chemours' proposed groundwater corrective action plan to address PFAS in groundwater and surface water at the Chemours Fayetteville Works Site.

DEQ has decided to provide **only 30 days of public comment for an 1800-page document**—a plan that is **essential** for requiring Chemours to clean up decades of toxic PFAS pollution that has threatened the health and safety of communities in southeastern North Carolina.

Unfortunately, Chemours' plan does not do enough: it does not meet the requirements of the February 2019 consent order, or of state law. Because this document is so lengthy and technical, it is also unacceptable for DEQ to give the public only 30 days to comment. DEQ must provide more time for the public to weigh in on a document that is so critical to protecting our communities.

I therefore request that DEQ:

- 1) extend the public comment period to 60 days; and,
- 2) hold at least three public hearings to include at least one hearing in each of the following locations: Wilmington, Fayetteville, and Grays Creek Elementary School.

Frankly, NC DEQ has much work to do to restore public confidence in its willingness and ability to protect the public from polluters like Chemours.

Thank you for considering this request. Please contact me to confirm receipt of this request.
Sincerely,

Lawrence B. Cahoon, Ph.D.
2017 Distinguished Teaching Professor
Biology and Marine Biology
University of N C Wilmington
910-962-3706

From: [Patricia Thomas](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] 1800 page report chemours
Date: Tuesday, January 14, 2020 9:54:13 AM

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I'm requesting that you allow more time 60days for the public to read and understand the 1800 page report put out by Chemours regarding the contamination of our wells in Grays Creek. We live 3.4 miles from contamination site of Chemours. Our well tested positive as well, however states it's below "threshold" whatever that means. It's contaminated and shouldn't be period. We Are extremely concerned we won't be able to sell our home and go back to Az where we are from. We've been here three years and bought new home in Grays Creek. I'm also requesting a full EPA 537 test be done on our well ASAP.

- 1: extend public comment period to 60 days
- 2: hold at least three public hearings in Wilmington, Fayetteville and Grays Creek Elementary School

Thankyou for you consideration to the people affected by this horrendous environmental disaster created by DuPont.

Brian and Patricia Thomas
5700 ione Court, Hope Mills, NC 28348
240 482 9533
910 644- 4048

From: [Deborah Holloway](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Ground Action Plan
Date: Tuesday, January 14, 2020 9:53:30 AM

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Good Morning!

I don't think 30 days is enough time to review the proposal/plan. Can this be extended to at least 60 days so the public can review and make comments?

Thank you!
Deborah Holloway

Sent from my iPhone

From: [Jackie Horton](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Longer Time
Date: Monday, January 13, 2020 7:36:04 PM

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Since this period of time's notice was late getting to the public, I believe we should be granted a longer period of time to look at the documents and be able to give our input.

Thanks,
Jackie Horton
Wilmington

Sent from [Mail](#) for Windows 10

From: [Mark Crowe](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemour's Corrective Action Plan
Date: Monday, January 13, 2020 7:21:18 PM

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I would like to request the public comment period to be extended to 60 days for the Chemour's Corrective Action Plan. The document is approximately 1,800 pages, which is difficult to get through, take notes, and be ready for comments in just 30 days. Also, having at a minimum, 3 public hearing in the areas that are most affected would greatly help with public dissemination of pertinent information. These public meetings should be held in Wilmington, Fayetteville, and another location that is affected by this plan. Thank you for your consideration of this matter.

Sincerely,
Mark Crowe

From: [Angie and Mark Crowe](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemour's Corrective Action Plan
Date: Monday, January 13, 2020 7:15:54 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

I would like to request the public comment period to be extended to 60 days for the Chemour's Corrective Action Plan. The document is approximately 1,800 pages, which is difficult to get through, take notes, and be ready for comments in just 30 days. Also, having at a minimum, 3 public hearing in the areas that are most affected would greatly help with public dissemination of pertinent information. These public meetings should be held in Wilmington, Fayetteville, and another location that is affected by this plan. Thank you for your consideration of this matter.

Sincerely,
Angela Gingerich-Crowe

From: [Mark Russell](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Corrective action plan to address issues at the Chemours Fayetteville site.
Date: Monday, January 13, 2020 6:36:12 PM

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It is essential the following steps are taken:

1. Extend the public comment period to 60 days
2. Hold at least three public hearings in Fayetteville, Wilmington and the Grays Creek Elementary School.

Best Regards,
Mark Russell

From: [Cade T](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours' corrective action plan public comment period
Date: Monday, January 13, 2020 4:35:56 PM

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Hello NCDEQ,

I have become aware that the period for public comments on the Chemours corrective action plan is only 30 days.

The plan is 1800 pages long, and full of technical writing and language. A 30 day commenting period for all of North Carolina is too small for effective commenting because of the plan's length and technicality. I hope you will reconsider the amount of time you have given, and extend the public comment period to about 60 days.

Also, because you are asking ALL of North Carolina to comment, it is only fair that there is at least three public hearings held in the south east, possible at Fayetteville, Wilmington, and at Hope Mills.

Thank you for your consideration.

From: [Joy Cranidiotis](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours corrective action plan
Date: Monday, January 13, 2020 4:35:11 PM

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The public needs an extension of at least 60 days to review this document.
There also needs to be 3 public hearings in Wilmington, Fayetteville and Grays Creek.

Thanks so much,
Joy F. Cranidiotis

From: [Jan Farmer](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours" proposed groundwater corrective action plan
Date: Monday, January 13, 2020 2:01:06 PM

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I do not believe 30 days is nearly a long enough public comment period for this plan. It is a more than 1500 page document and needs time to be reviewed by all interested parties. 30 days is simply not enough time and feels rushed to me. Why would DEQ want to rush this through? Please extend the public comment period and also schedule public meetings in effected areas, like Wilmington & Fayetteville.

Sincerely,
Jan Farmer
7078 7th St.
Surf City, NC
919-753-7440

From: [Roosevelt Anderson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] filter placed in kitchen not working needs replace under the sink,it been out for a month or more all syetems needs to be replace with large omoses filter for all incomeing warter
Date: Monday, January 13, 2020 1:35:06 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

for garage and maine house water

From: [Michael Flynn](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Monday, January 13, 2020 12:24:54 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Please accept the following comment for consideration.

1. Extending the public comment period to 60 days would provide the public adequate time to review this technical document in detail and formulate a more carefully crafted response.

Respectfully,

Michael

Michael Flynn, CFM
Coastal Advocate
(252) 473-1607 Office
(609) 462-4739 Cell
637 Harbor Road P.O. Box 276 Wanchese, NC 27981
Office hours: Monday - Thursday 8:00 am - 6:00 pm

Visit nccoast.org to join or learn more
Get the latest coastal news at coastalreview.org



From: [Beau McCaffray](#)
To: [Sue McCaffray](#); [SVC_DENR.publiccomments](#)
Subject: [External] 1800 page PFAS plan
Date: Monday, January 13, 2020 12:04:27 PM

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The recently released Chemours' proposed groundwater corrective action plan to address PFAS, allows the public only 30 days to comment on this complex 1800 page plan. DEQ, please provide more time for the public to consider this important document.

Please, Extend the public comment period to at least 60 days and provide at least three public hearings in Fayetteville, Wilmington and the Grays Creek Elementary School.

Thank you,

Ed and Sue McCaffray

Ogden, NC

--

Beau

From: [Keri Stein](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] DEQ Chemours' Proposed Groundwater Corrective Action Plan to Address PFAS Public Commentary Period
Date: Monday, January 13, 2020 11:23:19 AM

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To Whom It May Concern,

Hello, my name is Keri Stein. I live in New Hanover County in Wilmington, NC. Learning how much GenX and other PFAs have contaminated our water supply when the news first broke was extremely concerning. It's vital that the public have ample time to review the Groundwater Corrective Action Plan proposed by Chemours. **The proposal is 1,800 pages long, and the current 30-day comment period is far too short for an average member of the community to properly review the document. Please extend the public comment period to at least 60 days to allow for the public review the proposal and ensure that it properly addresses the issues at hand.** Thank you, have a great day.

-Keri Stein

From: [Tollie, Lori White](#)
To: [SVC_DENR.publiccomments](#); [Chernikov, Sergei](#)
Subject: [External] HF Lee Modification Comments
Date: Monday, January 13, 2020 10:30:28 AM

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Two typographical errors are noted in the fact sheet for the HF Lee Energy Complex. The facility classification shown on page 1 shows Grade 2 Sanitary, but the facility classification should show Physical Chemical Grade 1 instead.

The toxicity testing concentration shown on page 16 of 19 of the fact sheet shows 1.3%, but the testing concentration shown in the permit (page 19 of 30) shows 1% .

Thank you

Lori W. Tollie
Duke Energy
Permitting & Compliance
2500 Fairfax Road
Greensboro, NC 27407
Cell: (336) 408-2591
Office: (336) 854-4916

From: [Shew, Roger D.](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Request to Extend Public Comment Period on the Chemour's Groundwater Corrective Action
Date: Monday, January 13, 2020 9:08:16 AM

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NC Department of Environmental Quality:

I am asking that you extend the comment period for public comments on the Chemour's Groundwater Corrective Action Plan for at least another 30 days. I have not had an opportunity to review much of the extensive plan and the complexity of the plan requires time and scrutiny. Thank you for considering my request.

Roger Shew

Roger D. Shew
Dept. of Earth and Ocean Sciences
Dept. of Environmental Science
UNCWilmington
910 962-7676
shewr@uncw.edu

From: [Sheila Fellerath](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours groundwater corrective action plan
Date: Monday, January 13, 2020 8:00:10 AM

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In light of the importance of this issue and the size of the document outlining the proposed plan, please do the following:

- Extend the public comment period to 60 days
- Hold at least three public hearings in Fayetteville, Wilmington and the Grays Creek Elementary School

Sheila Fellerath
Wilmington, NC

From: [Patsy Sheppard](#)
To: [SVC_DENR_publiccomments](#)
Subject: [External] GenX
Date: Sunday, January 12, 2020 8:41:04 PM

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My name is Patricia Sheppard and I live on a farm near the Chemours plant in Bladen County. The land, Gilmore-Patterson Farm, has been in my family since 1730. It is the oldest family farm in North Carolina and it is on the National Registry of Historic Places.

It is also contaminated by GenX and other chemicals from DuPont and Chemours.

I might be one of the few people to read the full report on the groundwater issue, and while I did not understand all the technical jargon and charts, I do understand this- the state of NC is letting DuPont and Chemours get away with murder.

Just in my immediate family the damage done by exposure to chemicals from drinking water and air exposure is mind boggling. Both of my parents had diabetes and cancer. My brother and I both have autoimmune diseases. My husband has lung damage and high levels of C8 from working on the plant site. All five of us had/have high cholesterol levels that do not respond to medication. I had two miscarriages, a son that was born with muscular-skeleton deformities and a daughter born very prematurely and underweight. In 2017 my daughter and her baby both nearly died in childbirth from a condition that has been linked to exposure to PFAs. In 1992 my niece was born with spina bifida.

And we are just one family.

So in reading the report, I learn that water lines will be provided to some homes as long as the cost does not exceed \$75,000 per residence. Apparently that is the most the health and safety of a family is worth to Chemours.

Otherwise, some type of filtration system will be provided. Who in their right mind would drink water they knew contained toxic chemicals? Who would drink it after passing it through a filter provided by the company that poisoned the water in the first place? Or allow their children to do so?

Chemours posted profits of over \$6 BILLION just in 2019. They should be required to provide water lines connected to safe clean water to every home and business they affected, not just the ones they choose. And as the chemical contamination spreads Chemours should be required to provide those areas with water lines as well, regardless of the cost. Neither residents or taxpayers should have to pay one cent to mitigate the damage done by a greedy, dishonest, environmental destroying corporation.

Our way of life has been ruined forever in the name of toxic profiteering. Chemours should bear the full costs of the havoc they have wreaked upon area families, businesses, and landowners. Nothing less is acceptable.

Patricia Sheppard
20134 NC Hwy 87 West
St. Paul's, NC 28384

Sent from my iPad

From: cnicole1203@aol.com
To: SVC_DENR.publiccomments
Subject: [External] Request for Extension on Public Comment Period & Public Hearings on Chemours' Proposed Groundwater Action Plan
Date: Sunday, January 12, 2020 1:13:38 PM

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January 12, 2020

RE: Request for Extension on Public Comment Period & Request Public Hearings on Chemours' Proposed Groundwater Corrective Action Plan

Dear NC Department of Environmental Quality:

On January 6, DEQ released Chemours' proposed groundwater corrective action plan to address PFAS in groundwater and surface water at the Chemours Fayetteville Works Site.

DEQ has decided to provide **only 30 days of public comment for an 1800-page document**—a plan that is **essential** for requiring Chemours to clean up decades of toxic PFAS pollution that has threatened the health and safety of communities in southeastern North Carolina.

Unfortunately, Chemours' plan does not do enough: it does not meet the requirements of the February 2019 consent order, or of state law. Because this document is so lengthy and technical, it is also unacceptable for DEQ to give the public only 30 days to comment. DEQ must provide more time for the public to weigh in on a document that is so critical to protecting our communities.

I therefore request that DEQ:

- 1) extend the public comment period to 60 days; and,
- 2) hold at least three public hearings to include at least one hearing in each of the following locations: Wilmington, Fayetteville, and Grays Creek Elementary School.

Thank you for considering this request. Please contact me to confirm receipt of this request.

Sincerely,

Chantay Allen

109 Hinton Ave., Ste.3
Wilmington, NC 28403
Email: Cnicole1203@aol.com

From: [Page Paterson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] RE: Request for Extension on Public Comment Period & Request Public Hearings on Chemours' Proposed Groundwater Corrective Action Plan
Date: Sunday, January 12, 2020 9:19:13 AM

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Page Paterson

1317 Middle Sound Loop Road
Wilmington, NC 28411
910-520-0107
pagepaterson@mac.com

Dear NC Department of Environmental Quality:

On January 6, DEQ released Chemours' proposed groundwater corrective action plan to address PFAS in groundwater and surface water at the Chemours Fayetteville Works Site.

I request that DEQ:

- <!--[if !supportLists]-->1) <!--[endif]-->extend the public comment period to 60 days; and,
- 2) hold at least three public hearings to include at least one hearing in each of the following locations: Wilmington, Fayetteville, and Grays Creek Elementary School

DEQ has decided to provide **only 30 days of public comment for an 1800-page document**—a plan that is **essential** for requiring Chemours to clean up decades of toxic PFAS pollution that has threatened the health and safety of communities in southeastern North Carolina.

Unfortunately, Chemours' plan does not do enough: it does not meet the requirements of the February 2019 consent order, or of state law. Because this document is so lengthy and technical, it is also unacceptable for DEQ to give the public only 30 days to comment. DEQ must provide more time for the public to weigh in on a document that is so critical to protecting our communities.

Thank you, Please contact me to confirm receipt of this request.

Page Paterson

From: [Page Paterson](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] RE: Request for Extension on Public Comment Period & Request Public Hearings on Chemours"
Proposed Groundwater Corrective Action Plan
Date: Sunday, January 12, 2020 9:09:35 AM

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Page Paterson
1317 Middle Sound Loop Road
Wilmington, NC 28411
910-520-0107
pagepaterson@mac.com

Dear NC Department of Environmental Quality:

From: [Clarice Reber](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours" Corrective Action Plan
Date: Saturday, January 11, 2020 2:20:56 PM

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To the DEQ:

Given the length of the Action Plan, the importance of this plan to the citizens who are affected by the Chemours pollution and whose health and safety have been endangered by the Chemours pollution, as a citizen of southeastern North Carolina, I am requesting that you extend the public comment period to 60 days and hold at least three public hearings in Fayetteville, Wilmington and Grays Creek Elementary School. My family has been affected by this pollution. My grandchildren must carry their own water to school, and drink bottled water at home as a result of this pollution. It is appropriate that citizens have time to digest this report and get expert advice on this report in order to respond meaningfully. Thank you.

Clarice Reber
7919 Blue Heron Dr W
#305
Wilmington, NC 28411

From: [Beth Hansen](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Saturday, January 11, 2020 2:11:21 PM

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Please extend the public comment period to 60 days so that citizens have a reasonable time frame to review this lengthy document. I would also like a public hearing on this plan to be held in Wilmington.

Thank you,
Beth Hansen
3722 Amber Drive
Wilmington, NC 28409

From: [Carol Givens](#)
To: [Carol Givens](#); [SVC_DENR.publiccomments](#)
Subject: [External] Extended time needed - proposed groundwater corrective action plan-PFAS,GenX
Date: Friday, January 10, 2020 10:40:44 PM

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Good evening, DEQ,

Thank you for all you're doing to ensure our communities have clean drinking water.

It would be most helpful if you would consider extending the public comment period from 30 days to at least 60 days. Approximately 1800 pages is a lot to read especially considering the importance of the topic.

Also, it would be more convenient if there could be a few more public hearings in the following areas: Grays Creek Elementary School, Fayetteville, and Wilmington.

Thank you so much for your time and consideration,

Carol Givens

From: [Elli Klein](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours
Date: Friday, January 10, 2020 8:01:49 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

The requirements for clean up of Chemours' bad acts and monitoring by DEQ should include:

Extend the public comment period to 60 days

Hold at least three public hearings in Fayetteville, Wilmington and the Grays Creek Elementary School

Thank you for doing what will better protect the environment and people of NC.
--Elli Klein, Wilmington NC

From: gwilkerson1129
To: SVC_DENR.publiccomments
Subject: [External] Chemours corrective action plan
Date: Friday, January 10, 2020 5:37:47 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

To whom it may concern,

Chemours needs to be held responsible to homeowners with affected wells/properties, not just to the state for violating state/federal regulations.

Chemours should have to foot the bill for public water hookup for any affected residents that had/have ANY detections at all. If the county pr other publicly funded agencies have to pay for residents, the cost should be passed along to chemours and not residents via increased taxes.

The state needs to do more to hold chemours responsible for its residents.

3 under sink r.o. systems is NOT sufficient and is not a long term solution for affected households. A 3 year old bathing in a bathtub doesnt understand why you shouldn't take gulps of bathwater. The wildlife living in and around our properties does not understand that the water is contaminated and hunters in this area should not feel unsafe eating meat harvested from animals on their property. This goes beyond just drinking the water. It affects everything on our properties and more needs to be done.

As residents we trust our elected officials to do what's right to keep our constitutional rights from being infringed. Please do more!!!

Thank you,

Greg Wilkerson

Sent via the Samsung Galaxy S7 active, an AT&T 4G LTE smartphone

From: [Leslie Antos](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action plan
Date: Friday, January 10, 2020 3:57:15 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Giving the public only 30 days to review this lengthy and critically important document is not nearly enough time. Many average citizens have become aware of the issues at the Chemours Fayetteville facility and how it is affecting water supply from Fayetteville to the sea. Not everyone who has a vested interest in Chemours' plans will have training in reading such documents nor leisure time sufficient to conduct a thorough reading in 30 days.

ALL affected and interested members of the public have a right to easy access to these plans.

To that end, please

1. Extend the public comment period to 60 days
2. Hold at least three public hearings in Fayetteville, Wilmington and the Grays Creek Elementary School

These requests seem logical and easy to grant. Not doing so makes it look like your true purpose is not to serve the interests of the people of NC, but Chemours.

Leslie Antos
306 Coral Drive
Wrightsville Beach, NC 28480
607-426-0414

From: [Bridget Tarrant](#)
To: [SVC_DENR_publiccomments](#)
Subject: [External] Request for extension of public comment on Chemours clean up plan
Date: Friday, January 10, 2020 2:39:52 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

I am requesting that you do the following regarding the public comment period on Chemours clean up plan for the pollutants with which they contaminated our drinking water:

1. Extend the public comment period to 60 days
2. Hold at least three public hearings in Fayetteville, Wilmington and the Grays Creek Elementary School

The current 30 day comment period is not sufficient to read the 1800 page document. Nor is it sufficient to deny the public a hearing to convey the information on this clean up plan.

This is our drinking water and as such we should be fully informed of the cleanup process.

Failure to comply with the above appropriate requests will imply that the DEQ places more value in the company responsible for polluting our water than in the public who deserve the basic right of clean drinking water.

Thank you for your consideration of this matter,

Bridget Tarrant
Wilmington resident

From: [Lynn Anderson](#)
To: [SVC_DENR.publiccomments](#)
Cc: [Skrabal Tracy](#)
Subject: [External] Chemours" Corrective Action Plan
Date: Friday, January 10, 2020 2:24:29 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Dear Sirs or Madam-

In regard to the above subject, I am asking that you extend the public comment period to 60 days and hold at least three public hearings in Fayetteville, Wilmington and the Grays Creek Elementary School in order to provide adequate time for citizen responses and concerns to be heard.

Thank you
Lynn Anderson

Lynn Anderson (910)512-4608
lmanderson2810@gmail.com
<https://earth911.com/>

From: [Jackie Bangma](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Requesting public comment extension
Date: Friday, January 10, 2020 1:12:07 PM

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To whom it may concern,

As you might know DEQ has released a document detailing Chemours proposed groundwater corrective action plan. I am a concerned citizen requesting that the public comment period be extended past 30 days. This document is extremely long and requires more time for adequate review. Thank you so much for your consideration on this matter.

-Jackie

From: [Karl Jacobsen](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Don't let them socialize their liabilities. Hold them accountable. For the people!
Date: Friday, January 10, 2020 6:00:24 AM

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Sent from my iPhone

From: [Jamie Jones](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Please stop
Date: Friday, January 10, 2020 12:14:25 AM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Why do you sell water filtration parts? Why do you change company names (3M, Dupont) to Chemours? There's no clean blood in the world since you started using PFOs and PFOAs. Why are you allowed to make a new chemical every time the EPA shuts you down? We don't want your fire fighting foam, Teflon, water resistant fabrics, and please stop putting it on laptop cables, food wrappers, and cleaning products.

From: [Evan Folds](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Request for Extension on Public Comment Period & Request Public Hearings on Chemours' Proposed Groundwater Corrective Action Plan
Date: Thursday, January 9, 2020 10:21:57 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Dear NC Department of Environmental Quality:

On January 6, DEQ released Chemours' proposed groundwater corrective action plan to address PFAS in groundwater and surface water at the Chemours Fayetteville Works Site.

DEQ has decided to provide only 30 days of public comment for an 1800-page document—a plan that is essential for requiring Chemours to clean up decades of toxic PFAS pollution that has threatened the health and safety of communities in southeastern North Carolina.

Unfortunately, Chemours' plan does not do enough: it does not meet the requirements of the February 2019 consent order, or of state law. Because this document is so lengthy and technical, it is also unacceptable for DEQ to give the public only 30 days to comment. DEQ must provide more time for the public to weigh in on a document that is so critical to protecting our communities.

I therefore request that DEQ:

- 1) extend the public comment period to 60 days; and,
- 2) hold at least three public hearings to include at least one hearing in each of the following locations: Wilmington, Fayetteville, and Grays Creek Elementary School.

Thank you for considering this request. Please contact me to confirm receipt of this request.

Sincerely,

Evan Folds
4934 Pine St
Wilmington, NC 28403
910-232-3598
evanfolds@gmail.com

From: dbauereis@ec.rr.com
To: [SVC_DENR.publiccomments](#)
Cc: [Dana Sargent](#)
Subject: [External] Public Comment Extension Request
Date: Thursday, January 9, 2020 5:13:11 PM

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RE: Request for Extension on Public Comment Period & Request Public Hearings on Chemours' Proposed Groundwater Corrective Action Plan

Dear NC Department of Environmental Quality:

On January 6, DEQ released Chemours' proposed groundwater corrective action plan to address PFAS in groundwater and surface water at the Chemours Fayetteville Works Site.

DEQ has decided to provide **only 30 days of public comment for an 1800-page document**—a plan that is **essential** for requiring Chemours to clean up decades of toxic PFAS pollution that has threatened the health and safety of communities in southeastern North Carolina.

Unfortunately, Chemours' plan does not do enough: it does not meet the requirements of the February 2019 consent order, or of state law. Because this document is so lengthy and technical, it is also unacceptable for DEQ to give the public only 30 days to comment. DEQ must provide more time for the public to weigh in on a document that is so critical to protecting our communities.

I therefore request that DEQ:

1. extend the public comment period to 60 days; and,
2. hold at least three public hearings to include at least one hearing in each of the following locations: Wilmington, Fayetteville, and Grays Creek Elementary School.

Thank you for considering this request. Please contact me to confirm receipt of this request.

Sincerely,

Dr. Elizabeth I Bauereis
416 Black Diamond Drive
Wilmington, NC 28411
910-686-9616
dbauereis@ec.rr.com

From: [Robert Lorenz](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Public Comment - Chemours Groundwater Testing 1/09/2019
Date: Thursday, January 9, 2020 4:48:00 PM

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RE: Request for Extension on Public Comment Period & Request Public Hearings on Chemours' Proposed Groundwater Corrective Action Plan

Dear NC Department of Environmental Quality:

On January 6, DEQ released Chemours' proposed groundwater corrective action plan to address PFAS in groundwater and surface water at the Chemours Fayetteville Works Site.

DEQ has decided to provide **only 30 days of public comment for an 1800-page document**—a plan that is **essential** for requiring Chemours to clean up decades of toxic PFAS pollution that has threatened the health and safety of communities in southeastern North Carolina.

Unfortunately, Chemours' plan does not do enough: it does not meet the requirements of the February 2019 consent order, or of state law. Because this document is so lengthy and technical, it is also unacceptable for DEQ to give the public only 30 days to comment. DEQ must provide more time for the public to weigh in on a document that is so critical to protecting our communities.

I therefore request that DEQ:

- 1) extend the public comment period to 60 days; and,
- 2) hold at least three public hearings to include at least one hearing in each of the following locations: Wilmington, Fayetteville, and Grays Creek Elementary School.

Thank you for considering this request. Please contact me to confirm receipt of this request.

Sincerely,

Robert J Lorenz

1509 Meridian Terrace, Wilmington, NC 28411

910-232-4755

rjlorenz5555@gmail.com

From: [Dana Sargent](#)
To: [SVC_DENR.publiccomments](#)
Cc: [Kemp Burdette](#)
Subject: [External] Request Public Comment Extension and Hearings on Chemours Corrective Action Plan
Date: Thursday, January 9, 2020 3:34:27 PM
Attachments: [CFRW request for extension and public hearings re corrective action plan 1_09_2020.pdf](#)

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Dear NC DEQ,

Please find attached letter from Cape Fear River Watch. Please let me know if you have any questions.

Sincerely,

Dana Sargent
Executive Director, Cape Fear River Watch
910-444-8080 | dana@cfw.us
www.CapeFearRiverWatch.org



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From: [Will Hendrick](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Request for hearing & extension of public comment period
Date: Thursday, January 9, 2020 1:03:44 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

My name is Will Hendrick and I am a resident of North Carolina who is keenly interested in the protection of our state's water resources and its people.

As I understand it, on January 6, DEQ released Chemours' proposed groundwater corrective action plan to address PFAS in groundwater and surface water at the company's Fayetteville Works Site. Because the roughly 1800-page document is so lengthy and technical, and because of the importance of the plan for the protection of North Carolinians and our natural resources, I'm writing to request more time and opportunity for the public to weigh in on the document.

Specifically, I am writing to request that DEQ 1) extend the public comment period to 60 days, and to 2) hold a public hearing in each of the following: Fayetteville, Wilmington, and the Grays Creek Elementary School.

Thank you for your consideration of this request.

Will

From: [Gail Goodman](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Proposed groundwater corrective action plan
Date: Wednesday, January 8, 2020 3:01:47 PM

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Thank you for sharing this and being transparent informing the public always. I don't think it fair to ask for feedback as we are not scientists and technicians. I, rather, think it more appropriate to be open to comments. That said, I don't understand why you are negotiating.

What exactly does Chemours make that we can't live without, aside from Teflon, which we can live without. What are the alternatives? Do we really need this? No. Can we live without it? Yes. What has changed in the past five years? Five years more poisoned, people, land, water and air. The one thing not addressed in that action plan is how to "clean-up" the human body and stop any disease processes from further progression. Why?

From C8 to Genx to whatever is next. How is that better? They are all of the same family, PFOAS spinning off their little demons, nafions and C-3 as they combine and mutate.

At the very least, I think a reverse osmosis water plant is something to implement "yesterday" in Pender, New Hanover and Brunswick counties as you continue to fix this disaster. That's the number one issue, isn't it? What does it matter if you take five more years or more to fix the air, the water and the land if there are no more people?

Thank you for hearing my comment,

Gail Marie

Sent from my iPad

From: 8289897471@vzwpix.com
To: [SVC_DENR.publiccomments](#)
Subject: [External]
Date: Wednesday, January 8, 2020 2:47:26 PM
Attachments: [External .msg](#)

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From: [TREE HUGGER](#)
To: [SVC_DENR.publiccomments](#)
Cc: [Peter Rawitsch](#)
Subject: [External] Chemours corrective action plan
Date: Tuesday, January 7, 2020 3:07:00 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

I am a concerned consumer in Wilmington, NC. Lets maintain the highest commitment and make this company prevent any further potential damage. Historically the burden is placed back on localities. If the company is bankrupted because of saving these resources for future generations then so be it. Please hold these culprits responsible for causing many health issues for people. John T. Phipps III

Sent from [Mail](#) for Windows 10

From: [Crystal Young](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemours Corrective Action Plan
Date: Tuesday, January 7, 2020 1:02:09 PM

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Dear Sir or Madam:

Under the proposed guidelines of the consent order, the remedy of three (3) sink filters for those that do not qualify for entire home filtration, is a complete injustice to human health. The Consent Order was drafted with only Gen-x in mind. Please be aware that there are a plethora of contaminants in the water for those surrounding the Chemours facility. There are numerous well owners that have contaminants that have tested well above the threshold other than just Gen-x but because the Gen-x alone is not above 140, then the home only qualifies for a three sink filtration system. What was not considered whatsoever but obviously, should have, was the dermal exposure that residents are exposed to. Therefore the Consent Order does not protect residents that do not qualify for entire home filtration whatsoever. An educated individual can do a quick google search and learn of the effects of dermal exposure. Humans should not be exposed to these chemicals due to no fault of their own. We are not a third world country. Allowing the contaminants to remain in the water for any type of exposure is a complete disregard to human health. If someone had the opportunity to voluntarily bathe in chemical water that has a 24% absorption into the human body that causes numerous health effects, would anyone voluntarily do it? I think no sane person wants to risk his/her health in any way shape or form.

We have people who have limited their bathing/showering because they are terrified of what the water is going to do to them. On a recent social media post, one individual stated that they did not mind that his son was going to be referred to as the "smelly" kid in class but at least he was limiting what the water could do to him. Another individual wrote that she was using baby wipes to clean herself. This is beyond outrageous that nothing is being done to eliminate exposure completely to this water and it's health effects. The Consent Order was completely one sided to benefit Chemours and it's shareholders. It was done so at human expense. We already have numerous people that have experienced effects of this water. If something does not change, this will mimic West Virginia all over again. North Carolina should be better than that. We know the water has issues. Rather than try a band aid approach and have no remorse of people's health, fix it.

Sincerely,

Crystal Young

From: dougtaylor1806@gmail.com
To: [SVC_DENR.publiccomments](#)
Subject: [External]
Date: Tuesday, January 7, 2020 7:02:18 AM

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The proper fix to the problem is for a deal with PWC to install Water service to the entire area. The water service will stimulate growth both in residential and commercial development. This will increase property values in the near future and offset some of the cost for the project.

Doug Taylor
Taylor Equipment, LLC.
Cell: (910) 303-0313
Office: (910) 323-9182

From: [danielfugett1](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] 5610 matt hair rd.
Date: Monday, January 6, 2020 5:56:50 PM

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I have recieved no information on what's being done. I moved do to this.
Please tell me what's being done to my over taxes useless property

Thanks
Dan

Sent from my Samsung Galaxy smartphone.

From: [rbtkmoore](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Chemour
Date: Monday, January 6, 2020 5:25:41 PM

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I feel we should get whole jouse filter system on our well. Instead we get 3 under sink systems that do not get hot water. It is only cold for drinking. They have to drill thru my granite counter top and lose cabinet space. Our home values drop. Houses sit for sale due to this issue. I moved to the country for a reason. I do not want city water and have to pay for it. Either way you look at it we get screwed.

Sent from my Verizon, Samsung Galaxy smartphone

From: [Carla Vaughn](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Thyroid Cancer
Date: Monday, January 6, 2020 4:47:26 PM

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Hi, I've live in the Grays Creek Community for 30 yrs. I have also worked as an Elementary School Teacher at Alderman Road School and Grays Creek School for 19 yrs. In the summer of 2017 I was diagnosed with Thyroid Cancer. Didn't know I had it. Doctor said its a slow growing cancer that I probably had for a long time. Thanks to my family Doctor (Dr. Jorge Franco with Carolina Family Practice) for doing a blood test and finding elevated levels. He referred me to an Endocrinologist (Dr. Nicole Greyshock, Cape Fear Family Medical) confirmed the diagnosis of Thyroid Cancer. I had surgery at Duke Hospital to remove my thyroid. After radioactive iodine treatment, I am cancer free at this time. Thank you for keeping the citizens updated on the Gen-X situation.

*Carla Vaughn
SLD EC K-6 Resource Teacher
Alderman Road Elementary*



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From: [Jody Jernigan](#)
To: [SVC_DENR.publiccomments](#)
Subject: [External] Public feedback on Chemours' proposed groundwater corrective action plan
Date: Monday, January 6, 2020 4:17:26 PM

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Water lines need to be extended to our homes!

-the ONLY ANSWER that will help us all-

Jody & Leon Jernigan
6948 Point East Drive
Fayetteville, NC 28306