



This community update includes the latest information that may be of interest to residents in the Cape Fear River Region and the communities near the Fayetteville Works facility.

The N.C. Department of Environmental Quality (DEQ) entered into a Consent Order with Chemours and Cape Fear River Watch in February 2019. The order requires Chemours to address all sources of PFAS at the facility to prevent further impacts to air, soil, groundwater and surface waters.

The full Consent Order and history of the GenX investigation can be found online at <https://bit.ly/2Z7JHVA>.

Air Emissions

Thermal Oxidizer Update

Division of Air Quality staff observed the performance testing of the thermal oxidizer at Chemours. Results will determine the effectiveness of the control equipment as required under the Consent Order. Chemours is required to reduce PFAS air emissions routed through the control device by 99.99 percent.

Groundwater

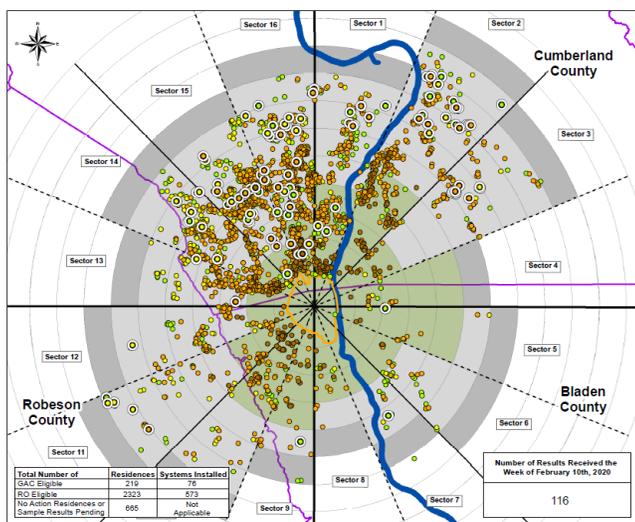
Request Sampling of a Private Drinking Water Well

Per the Consent Order, Chemours is required to sample private drinking water wells in the impacted areas.

Parsons is the third-party consultant who will be contacting you to sample your private well. To request well sampling call (910) 678-1101.

Updated Well Sampling Map

Chemours sends DEQ well sampling maps weekly, which include samples collected, samples received, and status of the step-out and infill programs. To view the latest well sampling map (Feb. 10, 2020), go to: <https://bit.ly/38WOxck> or click the image below.



Well Sampling Step-Out Plan

Under the Consent Order, Chemours must sample a quarter mile from the last known well with contamination from PFAS. Currently, this radius is approximately 10 miles. To learn more about the Step-Out Plan, go to: <https://bit.ly/3c7lrtk>.

Alternative Water / Filtration Systems

Under the Consent Order, Chemours is required to provide bottled water to eligible well users until such time as a filtration system or connection to a municipal water supply has been provided.

Public Water Options

DEQ has made a feasibility determination, with input from local government representatives, for areas **west** of the Cape Fear River in **Bladen County**. Chemours will be providing municipal water to the 52 residences served by private wells (if the well owner elects to have municipal water) west of the Cape Fear River in Bladen County whose drinking water results are at or above 140 ppt for GenX. To view this letter, go to: <https://bit.ly/31YNF4W>.

Cumberland County officials recently approved \$10.5 million for waterline construction in the Gray's Creek area. DEQ staff is currently reviewing the county's decision as it relates to the terms of the state's Consent Order. The addition of the proposed waterlines announced recently will require an update to the study of the feasibility of public water in the area under the terms of the Consent Order.

For areas **west** of the Cape Fear River in **Cumberland County**: the Public Water Feasibility Analysis is still under review. DEQ has requested feedback from representatives of Cumberland County. DEQ granted an extension to Chemours until May 25, 2020, for the company to comply with the requirements of Paragraph 19 for the affected wells in Cumberland County west of the Cape Fear River. To view this letter, go to: <https://bit.ly/39Au5hK>.

For areas **east** of the Cape Fear River in both Bladen and Cumberland Counties: DEQ has made a feasibility determination, with input from local government representatives. To view this letter, go to: <https://bit.ly/2LBRVlu>.

Chemours will not be installing additional granular activated carbon (GAC) filtration systems in Cumberland County west of the Cape Fear River until a final public water feasibility determination is made. Bottled water delivery will continue in the interim for residences in these areas that are eligible either for public water or granular activated carbon filtration systems. Chemours will continue to install reverse osmosis systems for eligible homes.

Surface Water Water Quality Lab

The Division of Water Resources Water Quality Laboratory is in the final stages of preparation for PFAS analysis, which is anticipated to begin in February of 2020.



To find out if you are eligible to receive these filtration systems, go to: <https://bit.ly/2Jp4I5>.

DEQ has approved certain reverse osmosis and granular activated carbon filtration systems for eligible residents. More information on those approvals is available here: <https://bit.ly/2JM5PPD>.

In addition to granular activated carbon (GAC) systems that are eligible under the consent order for private well filtration, reverse osmosis (RO) systems are allowed under the Consent Order and are being installed. Scientific literature supports the effectiveness of RO systems to remove PFAS from drinking water.

DEQ has sampled several installed whole-house GAC systems and is in the process of collecting additional data on installed RO systems at private residences around the Chemours plant. GAC data is posted to the DEQ GenX Groundwater webpage - <https://bit.ly/2ux1daZ>. Sampling data from the RO systems will be posted as it becomes available.

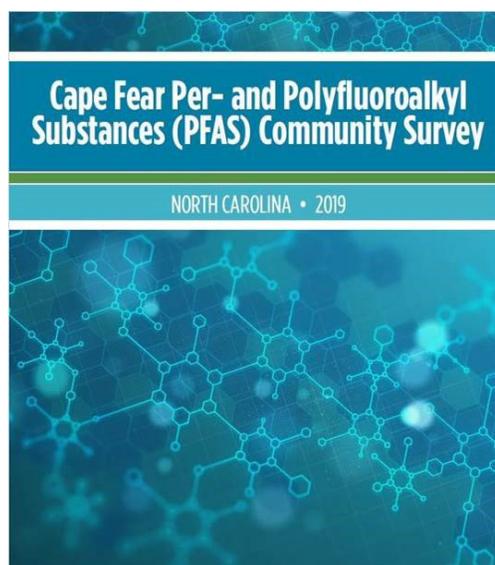
Corrective Action Plan

Chemours submitted a proposed Corrective Action Plan (CAP) that details proposed remediation activities for PFAS in groundwater. Chemours is required to reduce PFAS loading to surface water by at least 75 percent in accordance with Paragraph 16 of the Consent Order. DEQ staff are currently reviewing the proposed plan and may require additional activities. DEQ is accepting public comment through **March 6**; all comments received will be considered during review of the CAP. Send comments to: publiccomments@ncdenr.gov. To view submitted documents, go to: <https://bit.ly/34AFnA7>.

Health

DHHS Community survey

The N.C. Department of Health and Human Services (NCDHHS) has released results from its Cape Fear Per- and Polyfluoroalkyl Substances (PFAS Community Survey). The report summarizes more than 1,800 responses collected from residents near the Chemours plant in early 2019. Results document community concerns about GenX and other PFAS chemicals and resulting changes in daily activities, which will help NCDHHS and others tailor health education activities to better meet community needs. The report is posted online at: bit.ly/surveyresults2019. You can also click the image below to view the report.



Document repository

NCDHHS has established a repository of PFAS-related information at the Annie Hubbard McEachern Public Library, located at 223 W Broad Street in St. Pauls. Information available includes the PFAS Community Survey report, copies of NCDHHS' PFAS and GenX factsheets, and other NCDHHS reports related to PFAS. NCDHHS is working with other agencies to include copies of their reports and information related to PFAS.

For questions about the Consent Order and other DEQ work related to the GenX investigation, please call (877) 623-6748.

For questions about health effects related to GenX, PFAS or other chemicals, contact the DHHS staff at (919) 707-5900.

If you want to be added to the mailing list to receive the Community Update, please email Laura Leonard at Laura.Leonard@ncdenr.gov.

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