



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 (NCDEQ) 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>.

## Surface Water

### Removing PFAS from old Outfall 002

As of October 1, the water treatment system for the contaminated stream known as Old Outfall 002 is operational. DEQ issued a permit for treatment and removal of PFAS from the contaminated stream that flows into the Cape Fear River. Chemours remains prohibited from discharging process wastewater. Read more at: <https://bit.ly/2ScZVdN>.

### Addendum to the Consent Order Approved

DEQ ordered significant additional actions by Chemours through an approved [addendum](#) to the Consent Order that will prevent PFAS pollution from entering the Cape Fear River through contaminated groundwater. Read more about the actions required at: <https://bit.ly/37tUgc8>.

## Groundwater

### NEW Bottled Water Voucher Program

Chemours is providing a new alternative for people who want to buy their own bottled water in the size of their preference. The voucher card can be used at grocery stores and online retailers that sell groceries. If you are interested in this option, contact Chemours at (910) 678-1101 and leave them a message.

### Private Well Water Sampling

Chemours' third-party consultant Parsons continues to sample drinking water wells near Chemours' Fayetteville Works facility. Sampling will be done in accordance with the state's COVID-19 safety guidance. See the sampling map below to see if you are in the current sampling area and call (910) 678-1101 to request well sampling.

### 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 12 miles. To learn more about the Step-Out Plan, go to: <https://bit.ly/2YhV7o2>.

### Updated Well Sampling Map

The most recent well sampling map (Sept. 21, 2020) can be found online at: <https://bit.ly/33jM4ZH> or click the image below.

## Filtration Systems Decision Letters

Residents whose wells were tested in 2018 or early 2019 and have not yet decided on their filtration options should have received a fourth letter from Chemours inviting them to make a decision. Three information sessions were held in September to answer questions about filtration systems. A recording can be found at: <https://bit.ly/3n68DZA>.

Contact Chemours at (910) 678-1101 to accept a water treatment system. To find out if you are eligible, go to: <https://bit.ly/2JPP415>.

## Complaint Process

DEQ has a process for addressing citizen complaints. To submit a complaint in English or Spanish, please contact Mercedes Hernández, DEQ risk assessment consultant, at (919) 707-8712 or [Mercedes.Hernandez@ncdenr.gov](mailto:Mercedes.Hernandez@ncdenr.gov).

## GenX Information for Residents Webpage

DEQ has created a webpage containing information for residents in the impacted areas surrounding the Chemours Fayetteville facility. To view this page, go to: <https://bit.ly/3kjcSPD>.

## Air Emissions

### Air Quality Monitoring Data

More air quality monitoring information, including weekly rainwater results and weekly atmospheric deposition data, can be found at: <https://bit.ly/3bOUSrC>.

## Health

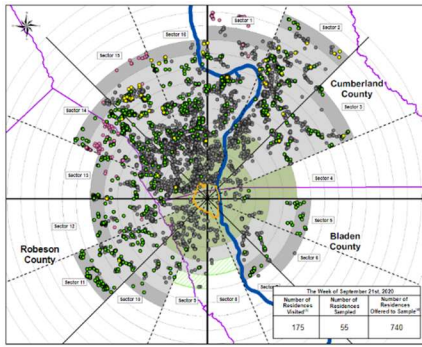
### DHHS Focus Groups

The N.C. Department of Health and Human Services (NCDHHS) is seeking focus group participants to give input on planned outreach activities and review new health education materials for the community near the Chemours Fayetteville Works facility. The focus group will be held virtually to prevent the spread of COVID-19, so participants will need a computer and internet connection or a telephone. To participate or for more information, email [nchace@dhhs.nc.gov](mailto:nchace@dhhs.nc.gov) or call (919) 707-5900.

### Document repository

NCDHHS has established a repository of PFAS-related information at the Annie Hubbard McEachern Public Library,





### 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. To view this letter, go to: <https://bit.ly/31YNF4W>.

For areas **west** of the Cape Fear River in Cumberland County, the Public Water Feasibility Analysis is still under review. Cumberland County officials approved \$10.5 million for waterline construction in the Gray's Creek area. The county government is currently working to determine the cost and feasibility of bringing water to the Grays Creek Elementary School area. Additional information will be shared when it is available.

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 GAC filtration systems. Chemours will continue to install reverse osmosis systems for eligible homes.

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>.

## Know Who Is Contacting You

**PARSONS:** COMPANY CONDUCTING THE WATER SAMPLING AND INSTALLING GAC SYSTEMS

**KINETICO:** COMPANY INSTALLING THE REVERSE OSMOSIS FILTRATION SYSTEMS

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](mailto:Laura.Leonard@ncdenr.gov).

located at 223 W Broad Street in St. Pauls. The library has reopened after closing for COVID-19 concerns, so hardcopy materials are again available in the document repository.

### Research Engagement

NCDHHS continues to engage with university researchers who are studying PFAS exposure and toxicity, including serving on the Community Advisory Board for North Carolina State University's GenX Exposure Study. Researchers leading this study recently started reporting back [water results](#) from the Fayetteville study area. They also recently [published a paper](#) about their PFAS in blood findings in the Wilmington study area.

In August, the N.C. Secretaries' Science Advisory Board reviewed two GenX rodent toxicity studies. One study showed effects on the liver as well as changes in thyroid hormones and lipid profiles in rats exposed to GenX. The second study showed that exposure to pregnant mice affected maternal livers and growth and development of the placenta. The Secretaries' Science Advisory Board acknowledged that the information broadened our knowledge of potential health effects of GenX but did not recommend revisiting the current NCDHHS provisional drinking water health goal.

### DHHS Cape Fear Community Survey

NCDHHS released results from its Cape Fear Per- and Polyfluoroalkyl Substances (PFAS) Community Survey in January 2020. The report is posted online at: [bit.ly/surveyresults2019](http://bit.ly/surveyresults2019).

## Frequently Asked Questions About Filtration Systems

### Q: Are filters effective at removing PFAS from the water?

DEQ has conducted two studies of the effectiveness of GAC and RO filtration systems. The studies showed that both systems are very effective at removing PFAS as long as the filtration system is properly maintained. Learn more at: <https://bit.ly/3dSXEP1>.

### Q: Do RO filters provide enough water?

Reverse osmosis filters provide 51 gallons of water per day. The system filters 3 gallons of water at a time, which are stored in a tank under the sink. The 3-gallon tank will empty completely if the faucet is left running for about three minutes.

### Q: Is there enough water pressure in a RO system?

The overall water pressure can decrease slightly. There can be a considerable water pressure loss when the three-gallon tank is recharging. The three-gallon tank takes about an hour-and-a-half to recharge.

### Q: Do they have to drill an additional hole on the countertop to install an RO filter's faucet?

In some circumstances, they are able to install a three-way faucet instead of having to drill another hole. This is typically harder to do in bathroom countertops because of limited counter space.

### Q: What if I do not have enough space under my sink for the RO filter?

The filter installation specialists have a lot of experience installing these systems in different settings. They can take a look at your house and provide alternative options.