



The Chemours Company FC, LLC
22828 NC Hwy 87 W
Fayetteville, NC 28306-7332

August 9, 2018

Michael Abraczinskas, Director, Division of Air Quality
NC Department of Environmental Quality
Raleigh, NC 27699

Re: Chemours - Fayetteville Works
Carbon Adsorption Beds Emissions Test Report

Dear Mr. Abraczinskas,

Attached is the Carbon Adsorption Beds Emissions Test Report prepared for Chemours by Weston Solutions. This Report provides the results of testing conducted on June 12 and 15, 2018, on the carbon adsorption units that were installed in May 2018 at the PPA and Vinyl Ethers North ("VEN") facilities at the Fayetteville Works. As detailed in Weston's Test Report, air samples were collected from the inlets and outlets of the PPA and VEN carbon units to measure the efficiency of these units in removing air emissions of HFPO Dimer Acid (also known as "GenX").

In our April 27, 2018 submission to the Division of Air Quality ("DAQ"), we committed that the carbon units installed in May would reduce indoor equipment and process emissions of HFPO Dimer Acid by 97% at the PPA facility, and would reduce indoor equipment emissions of HFPO Dimer Acid by 90% from the VEN facility.

I am pleased to report that the June testing indicates that both the PPA and VEN carbon units are operating very well, and, in fact, at efficiencies significantly higher than we previously committed to. The results for the PPA carbon unit show an average efficiency of 99.8%, significantly greater than our 97% commitment. In terms of annualized emissions, this equates to approximately 1.4 lbs of HFPO Dimer Acid from the PPA process and indoor equipment, and overall PPA emissions (with 1.0 lbs of outdoor equipment emissions) of 2.4 lbs, significantly lower than the 21.1 lbs we committed to in our April 27 submission.

The results of the testing on the VEN carbon unit show an average efficiency of 98.7%, significantly greater than our 90% commitment. In terms of annualized emissions, this equates to less than 0.1 lbs from VEN indoor equipment, lower than the 0.3 lbs we committed to in our April 27 submission.

The measured efficiencies of the PPA and VEN carbon units equate to a reduction of over 670 pounds of HFPO Dimer Acid air emissions per year from 2017 baseline levels. And, as you know, the installation of the carbon units is part of the facility's broader comprehensive program for reducing air emissions of HFPO Dimer Acid and other PFAS compounds.

Chemours is continuing to test the PPA and VEN carbon units on an ongoing basis to confirm that they remain highly effective in removing HFPO Dimer Acid air emissions, and we will continue to provide the results of this ongoing testing to DAQ as they become available.

Please let me know if you have any questions.

Sincerely,

Brian D. Long
Plant Manager
Chemours – Fayetteville Works

Cc:
Sheila Holman, Deputy Secretary, DEQ
Michael Pjetraj, Deputy Director, DAQ
Sheryl Telford, Chemours