



ROY COOPER
Governor

MICHAEL S. REGAN
Secretary

MICHAEL A. ABRACZINSKAS
Director

February 9, 2018

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

SUBJECT: Trial Air Emissions Abatement System, The Chemours Company FC, LLC – Fayetteville Works

Dear Ms. Compton:

The North Carolina Division of Air Quality (NC DAQ) is in receipt of your December 21, 2017 letter requesting " ... authorization for the installation and testing of an abatement system to control [the release of] indoor air emissions at the Vinyl Ethers North Tower [into the atmosphere] at the Fayetteville Works." Subsequent discussion revealed that a similar system can be implemented for the Polymer Processing Agent (PPA) facility. This letter responds to the installation of trial systems at the Vinyl Ethers North Tower and the PPA facility.

The purpose of installing these systems is to determine their efficacy in controlling indoor building air (non-process) emissions generated from the Vinyl Ethers North Tower and the PPA facility buildings. Emissions to be evaluated include C3 Dimer Acid Fluoride (perfluoro (2-methyl-3-oxahexanoyl) fluoride, CAS 2062-98-8) and C3 Dimer Acid (perfluoro 2-(propyloxy) propionic acid, CAS 13252-13-6) as well as other poly- and perfluorinated compounds. The abatement systems shall be tested to determine the level of emission reduction they provide. These systems will use dry technology such as carbon adsorption with any waste materials generated being disposed of off-site.

NC DAQ hereby approves the installation and operation of the trial systems as described above. As a condition of this approval, Chemours shall submit a test protocol for approval by NC DAQ. At a minimum, the testing shall include simultaneous inlet and outlet testing along with procedures by which final emissions to the atmosphere as well as the removal efficiency for the compounds controlled will be determined. In addition, Chemours shall develop a protocol by which contaminant breakthrough of the dry technology can be monitored.

Chemours shall notify the NC DAQ Director within one day of the commencement of installation of the systems. Chemours shall also notify the Director within one day of the commencement of operation of the systems.

Should you have any questions concerning this matter, please contact Heather P. Sands, P.E. at 919-707-8725.

Sincerely yours,

William D. Willets, P.E., Chief, Permitting Section
Division of Air Quality, NCDEQ

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c: Michael A. Abraczinskas
Michael P. Pjetraj
Fayetteville Regional Office
Central Files