Chemours Company - Fayetteville Works Aug-19
Air Permit No. 03735T45

Table 1

Inventory of Emissions of GenX Compounds
(Per Consent Order, Paragraph 8a)

August-19

Month	Notes	Status	GenX Compound Emissions (lbs)
October 6-31, 2018	1	Actual	0.1
November 2018		Actual	57.9
December 2018	2	Actual	69.5
January 2019		Actual	10.9
February 2019		Actual	31.7
March 2019		Actual	46.8
April 2019		Actual	9.7
May 2019		Actual	10.3
June 2019		Actual	11.9
July 2019		Actual	3.0
August 2019		Projected	10.5
September 2019		Projected	4.3
October 1-5, 2019	3	Projected	0.1
Total GenX Compound Emissions (12-Month Period from October 6, 2018 through October 5, 2019)			266.5
2017 Baseline Emissions			***2,302.7***
Percent Reduction			**88.43%**

Notes:

1) Contains emissions from October 6, 2018 - October 31, 2018

2) Contains summation of emissions from December 1 - 30, 2018 and December 31, 2018

3) Contains emissions from October 1, 2019 - October 5, 2019

Assumptions:

1) Emission rates for PPVE campaign runs determined using the following for the Feb/March campaign: 52.4% operating time ABR is on, 2.7% burnout, and 44.9% ABR is off. And the following for Dec 20-30, 2018 PPVE Campaign: 38.2% operating time ABR is on, 2.1% burnout, and 59.7% ABR is off.

2) Carbon bed became operational on VE-South process and equipment emissions on June 29, 2019. Emissions from July stack testing data were utilized for the period after installation.

3) [For March only] Emission rate for when the ABR only was operating was determined by subtracting the 230 kg/hr ABR on and ABR off runs from the February 2019 stack testing. Stack testing following the permeator tie-in (March 2019) was not utilized for determining ABR only emissions since those specific conditions were not tested independently. Therefore, emissions rates after the permeator was tied in to the scrubber were calculated using the following control efficiencies: 99.1% for Division Scrubber (obtained from acid fluoride testing conducted by Entec Services in 2013), 45% for Secondary Scrubber (most conservative efficiency from the Dec 2018 stack testing), and 95.1% for Carbon Bed (from March 2019 stack testing).

4) Unless otherwise noted, emissions are calculated using average stack test data from relevant stack testing.

Table 2

Inventory of Emissions of GenX Compounds
(Per Consent Order, Paragraph 8b)

August-19

Month	Notes	Status	GenX Compound Emissions (lbs)
December 31, 2018	1	Actual	0.3
January 2019		Actual	10.9
February 2019		Actual	31.7
March 2019		Actual	46.8
April 2019		Actual	9.7
May 2019		Actual	10.3
June 2019		Actual	11.9
July 2019		Actual	3.0
August 2019		Projected	10.5
September 2019		Projected	4.3
October 2019		Projected	0.4
November 2019		Projected	8.2
December 1-30, 2019	2	Projected	3.2
Total GenX Compound Emissions (12-Month Period from December 31, 2018 through December 30, 2019)			151.0
2017 Baseline Emissions			***2,302.7***
Percent Reduction			**93.44%**

Notes:

1) Contains emissions from December 31, 2018 only

2) Contains emissions from December 1, 2019 - December 30, 2019

Assumptions:

1) Emission rates for PPVE campaign runs determined using the following for the Feb/March campaign: 52.4% operating time ABR is on, 2.7% burnout, and 44.9% ABR is off. And the following for Dec 20-30, 2018 PPVE Campaign: 38.2% operating time ABR is on, 2.1% burnout, and 59.7% ABR is off.

2) Carbon bed became operational on VE-South process and equipment emissions on June 29, 2019. Emissions from July stack testing data were utilized for the period after installation.

3) [For March only] Emission rate for when the ABR only was operating was determined by subtracting the 230 kg/hr ABR on and ABR off runs from the February 2019 stack testing. Stack testing following the permeator tie-in (March 2019) was not utilized for determining ABR only emissions since those specific conditions were not tested independently. Therefore, emissions rates after the permeator was tied in to the scrubber were calculated using the following control efficiencies: 99.1% for Division Scrubber (obtained from acid fluoride testing conducted by Entec Services in 2013), 45% for Secondary Scrubber (most conservative efficiency from the Dec 2018 stack testing), and 95.1% for Carbon Bed (from March 2019 stack testing).

4) Unless otherwise noted, emissions are calculated using average stack test data from relevant stack testing.