

Vermont Air Quality and Climate Division : 2019 Air Pollutant Emissions Inventory

Please supply the following information for your Food and Agricultural Anaerobic Digester operation occurring for calendar year 2019 :

1). Farm/Company Name :

2) Total head of Cattle on your farm :

3). Annual hours of Generator Operation (please supply the actual annual hours in calendar year 2019 which the generator operated) :

4). Flare Operation : (if a flare exists and is used at your facility please supply the actual annual hours in calendar year 2019 which the flare operated) :

5). Annual Kilowatt-Hour Production :

6). Generator Manufacturer :

7). Generator Model :

8). Generator BHP Rating :

9). Gas Flow Meter Rates : (if a gas flow meter exists for the biogas vent, please provide the following information if available) :

Annual Total CFM :

Average CFM :

10). Air Emissions Test Data : As an alternate method to estimate your air emissions the VTAQCD may rely on valid air emissions test data. If you choose to, please supply any information you have for air emission rates from your equipment for criteria air pollutants (PM, SO₂, NO_x, VOC, or CO), or hydrogen Sulfide (H₂S), emissions. Emission testing for hazardous air contaminants (HAC's) may also be provided. Test data may include emission rates supplied by the manufacturer of your equipment or from testing that has occurred at your facility. Please supply the emission results directly from the source of test data and be sure to include the emission rate and the units for the emission rate.

11). Alternate Feedstock Substrates : Please supply an estimate for any alternate feedstock substrates (food waste, etc.), that are being added to your digester in addition to manure, in gallons, each year (this won't affect your emission estimate) :