



**Buttonderry Renewable Energy Facility
NSW EPA Monitoring Results**

Location: 850 Hue Hue Road, JILLIBY NSW 2259
Monitoring Point: EP2 – GM2
Monitoring Frequency: Once every five years

Date Data Obtained: 07 Jul 2022
Date Data Published: 18 Aug 2022
Previous Sample: 10 Aug 2017

Pollutant	Units of Measure	Date Sample Obtained	EPA Licence Limit 100 percentile concentration limit	Results	Complied
Nitrogen oxides (NO ₂) @ 7% Oxygen	milligrams per cubic metre	07-07-22	450	403	Yes
Sulfuric acid mist and sulfur trioxide (as SO ₃)	milligrams per cubic metre	07-07-22	100	3.75	Yes
Carbon monoxide	milligrams per cubic metre	07-07-22	No limit set	983	
Carbon dioxide	percent	07-07-22	No limit set	10.9	
Dry gas density	kilograms per cubic metre	07-07-22	No limit set	1.34	
Moisture content	percent	07-07-22	No limit set	7.3	
Molecular weight of stack gases (dry)	grams per gram mole	07-07-22	No limit set	30.1	
Oxygen (O ₂)	percent	07-07-22	No limit set	8.39	
Sulfur dioxide	milligrams per cubic metre	07-07-22	No limit set	2.86	
Temperature	degrees Celsius	07-07-22	No limit set	522	
Velocity	metres per second	07-07-22	No limit set	65.2	
Volatile organic compounds	milligram per cubic metre	07-07-22	No limit set	0.69	
Volumetric flow rate	cubic metres per second	07-07-22	No limit set	1.5	