



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

Location: 850 Hue Hue Road, JILLIBY NSW 2259
Monitoring Point: EP1 – GM1
Monitoring Frequency: Once every five years

Date data obtained: 11 Feb 2020
Date data Published: 4 Mar 2020
Previous Sample: N/A

Pollutant	Units of Measure	Date Sample Obtained	EPA Licence Limit 100 percentile concentration limit	Results	Complied
Nitrogen oxides	milligrams per cubic metre	11-02-20	450	444	Yes
Sulfuric acid mist and sulfur trioxide (as SO₃)	milligrams per cubic metre	11-02-20	100	6.38	Yes
Carbon monoxide	milligrams per cubic metre	11-02-20	No limit set	1217	
Carbon dioxide	percent	11-02-20	No limit set	11.6	
Dry gas density	kilograms per cubic metre	11-02-20	No limit set	1.35	
Moisture content	percent	11-02-20	No limit set	6.0	
Molecular weight of stack gases (dry)	grams per gram mole	11-02-20	No limit set	30.2	
Oxygen (O ₂)	percent	11-02-20	No limit set	7.9	
Sulfur dioxide	milligrams per cubic metre	11-02-20	No limit set	2.86	
Temperature	degrees Celsius	11-02-20	No limit set	450	
Velocity	metres per second	11-02-20	No limit set	38.7	
Volatile organic compounds	milligram per cubic metre	11-02-20	No limit set	7.51	
Volumetric flow rate	cubic metres per second	11-02-20	No limit set	0.969	