



**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: 16 April 2025
Date data Published: 17 April 2025
Previous Sample: 11 February 2020

Pollutant	Units of Measure	Date Sample Obtained	EPA Licence Limit 100 percentile concentration limit	Results	Complied
Nitrogen oxides (NO₂) (@ 7% O₂)	milligrams per cubic metre	13-03-25	450	344	Yes
Sulfuric acid mist and sulfur trioxide (as SO₃)	milligrams per cubic metre	13-03-25	100	5.6	Yes
Carbon monoxide	milligrams per cubic metre	13-03-25	No limit set	1595	
Carbon dioxide	percent	13-03-25	No limit set	10.9	
Dry gas density	kilograms per cubic metre	13-03-25	No limit set	1.34	
Moisture content	percent	13-03-25	No limit set	10.0	
Molecular weight of stack gases (dry)	grams per gram mole	13-03-25	No limit set	30.0	
Oxygen (O ₂)	percent	13-03-25	No limit set	7.6	
Sulfur dioxide	milligrams per cubic metre	13-03-25	No limit set	<2.9	
Temperature	degrees Celsius	13-03-25	No limit set	577	
Velocity	metres per second	13-03-25	No limit set	57.5	
Volatile organic compounds	milligram per cubic metre	13-03-25	No limit set	0.6	
Volumetric flow rate	cubic metres per second	13-03-25	No limit set	1.18	