



**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: 03 July 2012
Date data Published: 19 July 2012
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	11-05-12	450	330	Yes
Sulfuric acid mist and sulfur trioxide (as SO₃)	milligrams per cubic metre	11-05-12	100	0.82	Yes
Carbon monoxide	milligrams per cubic metre	11-05-12	No limit set	1600	
Carbon dioxide	percent	11-05-12	No limit set	7.4	
Dry gas density	kilograms per cubic metre	11-05-12	No limit set	1.32	
Moisture content	percent	11-05-12	No limit set	7.8	
Molecular weight of stack gases (dry)	grams per gram mole	11-05-12	No limit set	29.6	
Oxygen (O ₂)	percent	11-05-12	No limit set	7.5	
Sulfur dioxide	milligrams per cubic metre	11-05-12	No limit set	4.5	
Temperature	degrees Celsius	11-05-12	No limit set	585	
Velocity	metres per second	11-05-12	No limit set	59	
Volatile organic compounds	milligram per cubic metre	11-05-12	No limit set	< 1	
Volumetric flow rate	cubic metres per second	11-05-12	No limit set	1.5	