



**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:** 10 Aug 2017  
**Date data Published:** 11 Aug 2017  
**Previous Sample:** 11 May 2012

Pollutant	Units of Measure	Date Sample Obtained	EPA Licence Limit 100 percentile concentration limit	Results	Complied
<b>Nitrogen oxides</b>	milligrams per cubic metre	13-07-17	450	369	Yes
<b>Sulfuric acid mist and sulfur trioxide (as SO<sub>3</sub>)</b>	milligrams per cubic metre	13-07-17	100	0.61	Yes
Carbon monoxide	milligrams per cubic metre	13-07-17	No limit set	1031	
Carbon dioxide	percent	13-07-17	No limit set	11.6	
Dry gas density	kilograms per cubic metre	13-07-17	No limit set	1.34	
Moisture content	percent	13-07-17	No limit set	3.16	
Molecular weight of stack gases (dry)	grams per gram mole	13-07-17	No limit set	30.1	
Oxygen (O <sub>2</sub> )	percent	13-07-17	No limit set	6.2	
Sulfur dioxide	milligrams per cubic metre	13-07-17	No limit set	1.8	
Temperature	degrees Celsius	13-07-17	No limit set	550	
Velocity	metres per second	13-07-17	No limit set	53.3	
Volatile organic compounds	milligram per cubic metre	13-07-17	No limit set	4.1	
Volumetric flow rate	cubic metres per second	13-07-17	No limit set	1.2	