



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

Location: 141 Minmi Road, WALLSEND NSW 2287
Monitoring Point: MP1 – GM3
Monitoring Frequency: Once every five years

Date data obtained: 16 Jan 2023
Date data Published: 28 Feb 2023
Previous Sample: Commissioning sample; new generator (1st sampling event)

Pollutant	Units of Measure	Date Sample Obtained	EPA Licence Limit 100 percentile concentration limit	Results	Complied
Nitrogen oxides	milligrams per cubic metre	16-01-23	450	374	Yes
Sulfuric acid mist and sulfur trioxide (as SO₃)	milligrams per cubic metre	16-01-23	100	6.15	Yes
Carbon monoxide	milligrams per cubic metre	16-01-23	No limit set	717	
Carbon dioxide	percent	16-01-23	No limit set	11.4	
Dry gas density	kilograms per cubic metre	16-01-23	No limit set	1.35	
Moisture content	percent	16-01-23	No limit set	9.09	
Molecular weight of stack gases (dry)	grams per gram mole	16-01-23	No limit set	30.01	
Oxygen (O ₂)	percent	16-01-23	No limit set	8.06	
Sulfur dioxide	milligrams per cubic metre	16-01-23	No limit set	<2.86	
Temperature	degrees Celsius	16-01-23	No limit set	468	
Velocity	metres per second	16-01-23	No limit set	36.0	
Volatile organic compounds	milligrams per cubic metre	16-01-23	No limit set	0.69	
Volumetric flow rate	cubic metres per second	16-01-23	No limit set	2.55	