



**Raymond Terrace Renewable Energy Facility  
NSW EPA Monitoring Results**

**Location:** 330 Newline Road, Raymond Terrace NSW 2324  
**Monitoring Point:** POINT 1 – GM1  
**Monitoring Frequency:** Once every five years

**Date data obtained:** 31 July 2023  
**Date data Published:** 4 August 2023  
**Previous Sample:** Commissioning sample; new generator (1<sup>st</sup> sampling event)

Pollutant	Units of Measure	Date Sample Obtained	EPA Licence Limit 100 percentile concentration limit	Results	Complied
<b>Nitrogen oxides (@ 7% O<sub>2</sub>)</b>	milligrams per cubic metre	29-06-23	<b>450</b>	<b>369</b>	<b>Yes</b>
<b>Sulfuric acid mist and sulfur trioxide (as SO<sub>3</sub>) (@ 7% O<sub>2</sub>)</b>	milligrams per cubic metre	29-06-23	<b>100</b>	<b>31.36</b>	<b>Yes</b>
<b>H<sub>2</sub>S (@ 7% O<sub>2</sub>)</b>	milligrams per cubic metre	29-06-23	<b>5</b>	<b>1.82</b>	<b>Yes</b>
<b>TVOC (@ 7% O<sub>2</sub>)</b>	milligrams per cubic metre	29-06-23	<b>40</b>	<b>0.63</b>	<b>Yes</b>
Carbon monoxide (@ 7% O <sub>2</sub> )	milligrams per cubic metre	29-06-23	No limit set	1185	
Carbon dioxide	percent	29-06-23	No limit set	11.33	
Dry gas density	kilograms per cubic metre	29-06-23	No limit set	1.34	
Moisture content	percent	29-06-23	No limit set	8.45	
Molecular weight of stack gases (dry)	grams per gram mole	29-06-23	No limit set	30.1	
Oxygen (O <sub>2</sub> )	percent	29-06-23	No limit set	6.96	
Sulfur dioxide	milligrams per cubic metre	29-06-23	No limit set	n/a	
Temperature	degrees Celsius	29-06-23	No limit set	555	
Velocity	metres per second	29-06-23	No limit set	26.5	
Volumetric flow rate	cubic metres per second	29-06-23	No limit set	1.86	