



**Eastern Creek 2 Renewable Energy Facility
NSW EPA Monitoring Results**

Location: Ferrers Road, EASTERN CREEK NSW 2766
Monitoring Point: EP1 – GM1
Monitoring Frequency: Once every five years

Date data obtained: 08 Dec 2021
Date data Published: 02 August 2022
Previous Sample: 20 May 2021

Pollutant	Units of Measure	Date Sample Obtained	EPA Licence Limit 100 percentile concentration limit	Results	Complied
Nitrogen oxides	milligrams per cubic metre	08-12-2021	450	365	Yes*
Sulfuric acid mist and sulfur trioxide (as SO₃)	milligrams per cubic metre	20-05-2021 [#]	100	10.5	Yes [#]
Carbon monoxide	milligrams per cubic metre	08-12-2021	No limit set	1244	
Carbon dioxide	percent	08-12-2021	No limit set	11	
Dry gas density	kilograms per cubic metre	08-12-2021	No limit set	1.34	
Moisture content	percent	08-12-2021	No limit set	10.4	
Molecular weight of stack gases (dry)	grams per gram mole	08-12-2021	No limit set	30.06	
Oxygen (O ₂)	percent	08-12-2021	No limit set	7.6	
Sulfur dioxide	milligrams per cubic metre	20-05-2021 [#]	No limit set	2.9	
Temperature	degrees Celsius	08-12-2021	No limit set	503	
Velocity	metres per second	08-12-2021	No limit set	55.8	
Volatile organic compounds	milligram per cubic metre	20-05-2021 [#]	No limit set	1.21	
Volumetric flow rate	cubic metres per second	08-12-2021	No limit set	1.23	

* This was a NOx re-test of the 20 May 2021 results, following the relaxation of Covid-19 restrictions which permitted site access.

[#] Results obtained from initial GM1 sampling event of 20 May 2021 (which were compliant).