



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

Location: Ferrers Road, EASTERN CREEK NSW 2766
Monitoring Point: EP2 – GM2
Monitoring Frequency: Once every five years

Date data obtained: 07 July 2012
Date data Published: 19 July 2012
Previous Sample: 03 June 2008

Pollutant	Units of Measure	Date Sample Obtained	EPA Licence Limit 100 percentile concentration limit	Results	Complied
Nitrogen oxides	milligrams per cubic metre	13-06-12	450	370	Yes
Sulfuric acid mist and sulfur trioxide (as SO₃)	milligrams per cubic metre	13-06-12	100	0.63	Yes
Carbon monoxide	milligrams per cubic metre	13-06-12	No limit set	650	
Carbon dioxide	percent	13-06-12	No limit set	11.8	
Dry gas density	kilograms per cubic metre	13-06-12	No limit set	1.35	
Moisture content	percent	13-06-12	No limit set	6.8	
Molecular weight of stack gases (dry)	grams per gram mole	13-06-12	No limit set	30.3	
Oxygen (O ₂)	percent	13-06-12	No limit set	8.2	
Sulfur dioxide	milligrams per cubic metre	13-06-12	No limit set	1.7	
Temperature	degrees Celsius	13-06-12	No limit set	567	
Velocity	metres per second	13-06-12	No limit set	56	
Volatile organic compounds	milligram per cubic metre	13-06-12	No limit set	< 0.037	
Volumetric flow rate	cubic metres per second	13-06-12	No limit set	1.4	