



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

Location: Ferrers Road, Eastern Creek NSW 2766
Monitoring Point: EP5 – GM5
Monitoring Frequency: Once every five years

Date data obtained: 23 May 2013
Date data Published: 29 May 2013
Previous Sample: 4 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	410	Yes
Sulfuric acid mist and sulfur trioxide (as SO₃)	milligrams per cubic metre	13-06-12	100	3.5	Yes
Carbon monoxide	milligrams per cubic metre	13-06-12	No limit set	1100	
Carbon dioxide	percent	13-06-12	No limit set	11.2	
Dry gas density	kilograms per cubic metre	13-06-12	No limit set	1.3	
Moisture content	percent	13-06-12	No limit set	7.7	
Molecular weight of stack gases (dry)	grams per gram mole	13-06-12	No limit set	30	
Oxygen (O ₂)	percent	13-06-12	No limit set	8.1	
Sulfur dioxide	milligrams per cubic metre	13-06-12	No limit set	18	
Temperature	degrees Celsius	13-06-12	No limit set	579	
Velocity	metres per second		No limit set	67	
Volatile organic compounds	milligram per cubic metre	13-06-12	No limit set	<0.8	
Volumetric flow rate	cubic metres per second	13-06-12	No limit set	1.6 dry	