



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

Location: Ferrers Road, EASTERN CREEK NSW 2766
Monitoring Point: EP4 – GM4
Monitoring Frequency: Once every five years

Date data obtained: 07 July 2012
Date data Published: 19 July 2012
Previous Sample: 04 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	380	Yes
Sulfuric acid mist and sulfur trioxide (as SO₃)	milligrams per cubic metre	13-06-12	100	6.6	Yes
Carbon monoxide	milligrams per cubic metre	13-06-12	No limit set	770	
Carbon dioxide	percent	13-06-12	No limit set	11.2	
Dry gas density	kilograms per cubic metre	13-06-12	No limit set	1.35	
Moisture content	percent	13-06-12	No limit set	7.3	
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	9	
Sulfur dioxide	milligrams per cubic metre	13-06-12	No limit set	21	
Temperature	degrees Celsius	13-06-12	No limit set	571	
Velocity	metres per second	13-06-12	No limit set	58	
Volatile organic compounds	milligram per cubic metre	13-06-12	No limit set	0.047	
Volumetric flow rate	cubic metres per second	13-06-12	No limit set	1.4	