

**Teralba Power Generation Plant**

**Licence Number:** 12088

**Licence Holder:** Envirogen PTY LTD

**Licensee Address:** 1 Railway Street TERALBA NSW 2284

**Testing Month/Year:** Sep-12

Location of monitoring point	Sampled	Obtained	Published	Pollutant	Units of measure	Monitoring frequency required by licence	Licence Limit	No. of times measured during month	Min. value	Mean value	Max. Value
Point 1 - Air emissions monitoring, Exhaust stack gas engine 1	19/09/12	17/07/14	21/07/14	Dry gas density	kilograms per cubic metre	Yearly				1.3	
	19/09/12	17/07/14	21/07/14	Moisture content	Percent	Yearly				19.2	
	19/09/12	17/07/14	21/07/14	Molecular weight of stack gases	grams per gram mole	Yearly		1		29.5	
	19/09/12	17/07/14	21/07/14	Nitrogen Oxides	milligrams per normalised cubic metre	6 Monthly	<450 Dry 273K 101.3kPa 7% O2	1		428	
	19/09/12	17/07/14	21/07/14	Oxygen (O2)	percent	Yearly		1		9.5	
	19/09/12	17/07/14	21/07/14	Temperature	degrees Celsius	Yearly		1		431	
	19/09/12	17/07/14	21/07/14	Velocity	metres per second	Yearly		1		48	
	19/09/12	17/07/14	21/07/14	Volumetric flowrate	cubic metres per second	Yearly		1		1.24	
	19/09/12	17/07/14	21/07/14	Dry gas density	kilograms per cubic metre	Yearly				1.32	
	19/09/12	17/07/14	21/07/14	Moisture content	Percent	Yearly				12.1	
	19/09/12	17/07/14	21/07/14	Molecular weight of stack gases	grams per gram mole	Yearly		1		29.5	

<b>Point 2 - Air emissions monitoring, Exhaust stack gas engine 2</b>	19/09/12	17/07/14	21/07/14	Nitrogen Oxides	milligrams per normalised cubic metre	6 Monthly	<450 Dry 273K 101.3kPa 7% O2	1	392
	19/09/12	17/07/14	21/07/14	Oxygen (O2)	percent	Yearly		1	8.9
	19/09/12	17/07/14	21/07/14	Temperature	degrees Celsius	Yearly		1	453
	19/09/12	17/07/14	21/07/14	Velocity	metres per second	Yearly		1	49.4
	19/09/12	17/07/14	21/07/14	Volumetric flowrate	cubic metres per second	Yearly		1	1.35
<b>Point 3 - Air emissions monitoring, Exhaust stack gas engine 3</b>	Engine not on site								
<b>Point 4 - Air emissions monitoring, Exhaust stack gas engine 4</b>	19/09/12	17/07/14	21/07/14	Dry gas density	kilograms per cubic metre	Yearly			1.32
	19/09/12	17/07/14	21/07/14	Moisture content	Percent	Yearly			10
	19/09/12	17/07/14	21/07/14	Molecular weight of stack gases	grams per gram mole	Yearly		1	29.5
	19/09/12	17/07/14	21/07/14	Nitrogen Oxides	milligrams per normalised cubic metre	6 Monthly	<450 Dry 273K 101.3kPa 7% O2	1	423
	19/09/12	17/07/14	21/07/14	Oxygen (O2)	percent	Yearly		1	9.2
	19/09/12	17/07/14	21/07/14	Temperature	degrees Celsius	Yearly		1	429
	19/09/12	17/07/14	21/07/14	Velocity	metres per second	Yearly		1	44.1
	19/09/12	17/07/14	21/07/14	Volumetric flowrate	cubic metres per second	Yearly		1	1.27
<b>Point 5 - Air emissions monitoring, Exhaust stack</b>	Engine not on site								

gas engine 5	
Point 6 - Air emissions monitoring, Exhaust stack gas engine 6	Engine not on site
Point 7 - Air emissions monitoring, Exhaust stack gas engine 7	Engine not on site
Point 8 - Air emissions monitoring, Exhaust stack gas engine 8	Engine not on site