

**Jacks Gully Power Station**

**Licence Number:** 10021

**Licence Holder:** EDL LFG (NSW) PTY LTD

**Licensee Address:** Jacks Gully Waste Management Centre, Richardson Road, Mount Annan NSW 2567

**Testing year:** 2014

**Testing Required** Discharge and Monitoring Point: Unit 2, LFG Supply Line.

Location of Monitoring Point	Sampled	Obtained	Published	Pollutant	Units of Measure	Licence Limit	No. Samples Required by Licence	No. Samples you collected and Analysed	Min. Value	Mean Value	Max. Value
Monitoring Point 4, Unit 2 - Gas engine exhaust stack labelled 'generator module 2' on drawing number 874-BA-001 Rev 7	11/03/14	22/04/14	7/05/14	Temperature	Degrees Celsius		1	1	520		
	11/03/14	22/04/14	7/05/14	Nitrogen Oxides	Milligrams per cubic metre	450	1	1	360		
	11/03/14	22/04/14	7/05/14	Volatile organic compounds (as n-propane)	Milligrams per cubic metre		1	1	1.4		
	11/03/14	22/04/14	7/05/14	Sulphur dioxide	Milligrams per cubic metre		1	1	7.4		
	11/03/14	22/04/14	7/05/14	Oxygen (O2)	Percent		1	1	7.4	7.5	7.6
	11/03/14	22/04/14	7/05/14	Moisture content	Percent		1	1	5.4		
	11/03/14	22/04/14	7/05/14	Carbon monoxide	Milligrams per cubic metre		1	1	1400	1400	1500
	11/03/14	22/04/14	7/05/14	Carbon dioxide	Percent		1	1	10.9	11	11.1
	11/03/14	22/04/14	7/05/14	Velocity	Metres per second		1	1	30		
	11/03/14	22/04/14	7/05/14	Volumetric flowrate	Cubic metres per second		1	1	2.4		
	11/03/14	22/04/14	7/05/14	Dry gas density	Kilograms per cubic metre		1	1	1.35		
	11/03/14	22/04/14	7/05/14	Molecular weight of stack gases	Grams per gram mole		1	1	29.5 (dry) 30.2 (wet)		
	11/03/14	22/04/14	7/05/14	Sulfuric acid mist and sulfur trioxide (as SO3 equivalent)	Milligrams per cubic metre	100	1	1	1.4		
	Monitoring Point 2, LFG Line - Landfill gas supply line labelled 'gas supply line' on drawing number 874-BA-001 Rev 5	11/03/14	22/04/14	7/05/14	Molecular weight of stack gases	Grams per gram mole		1	1	27.3 (dry) 27.4 (wet)	
11/03/14		22/04/14	7/05/14	Dry gas density	Kilograms per cubic metre		1	1	1.22		
11/03/14		22/04/14	7/05/14	Volumetric flowrate	Cubic metres per second		1	1	0.15		
11/03/14		22/04/14	7/05/14	Velocity	Metres per second		1	1	Refer to volumetric flow rate		
11/03/14		22/04/14	7/05/14	Carbon dioxide	Percent		1	1	30	31.3	32.3
11/03/14		22/04/14	7/05/14	Moisture content	Percent		1	1	1		
11/03/14		22/04/14	7/05/14	Oxygen (O2)	Percent		1	1	1	1.1	1.1
11/03/14		22/04/14	7/05/14	Volatile organic compounds (as n-propane)	Milligrams per cubic metre		1	1	250		
11/03/14	22/04/14	7/05/14	Temperature	Degrees Celsius		1	1	57			