

Belrose

Licence Number: 5180

Licence Holder: EDL LFG (NSW) PTY LTD

Licensee Address: Belrose LFG Power Station, Crozier Rd, Belrose NSW 2085

Testing year: 2021

Testing Required Discharge and Monitoring Point: Discharge and monitoring point 6 - Supply Line



Location of Monitoring Point	Sampled	Obtained	Published	Pollutant	Units of Measure	Licence limit	No. Samples Required by Licence	No. Samples collected and Analysed	Value
Monitoring Point 6, Gas supply monitoring. Landfill gas supply line	27/09/2021	22/10/2021	4/11/2021	Carbon dioxide	%				18
				Dry gas density	Kg/m ³				1.22
				Moisture content	%				<0.4
				Molecular weight of stack gases	g/g mol				27.4
				Oxygen	%				9.2
				Temperature	°C				-
				Velocity	m/s				-
				Volatile Organic Compounds	mg/m ³				84
				Volumetric flowrate	m ³ /s				-
				H2S	ppm				1.5
				Siloxanes	ppm				0.29
Inlet fuel flow rate	SCM/hr				68				
Monitoring Point 7, Existing flare unit	27/09/2021	22/10/2021	4/11/2021	Temperature	°C	760			806
				Volumetric flowrate	m ³ /s				2.4
				Residence time	seconds	0.6			1.9