



Lucas Heights 1

Licence Number: 4805

Licence Holder: EDL LFG (NSW) PTY LTD

Licensee Address: Lucas Heights 1, 542 - 600 New Illawarra Rd, Menai NSW 2234

Testing year 2021

Testing Frequency Modules to be tested once every 5 years. Supply line testing annually. Flare to be tested once every 5 years.

Testing Required Landfill Gas Supply Line

Location of Monitoring Point	Sampled	Obtained	Published	Pollutant	Units of Measure	No. Samples Required by Licence	No. Samples collected and Analysed	Value	Licence Limit	Exceedance (Yes/No)
Discharge and Monitoring Point 6, LFG Supply Line - DN100 LFG Supply	15/02/21	7/04/21	7/04/21	Volatile organic compounds	mg/Nm3	1	1	170		
				Dry gas density	kg/Nm3	1	1	1.55		
				Molecular weight in supply line	g/g-mole	1	1	34.7		
				Carbon dioxide	%	1	1	40.7		
				Oxygen (O2)	%	1	1	1.3		
				Moisture Content	%	1	1	1.7		
				Temperature	°C	1	1	54		
				Velocity	m/s	1	1	120		
Volumetric flowrate	Nm3/s	1	1	3.4						