

Lucas Heights 1

Licence Number: 4805

Licence Holder: EDL LFG (NSW) PTY LTD

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

Testing year 2022

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 and Flare

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	9/06/22	26/07/22	1/08/22	Carbon dioxide	%	1	1	34		
				Dry gas density	kg/Nm3	1	1	1.2		
				Moisture Content	%	1	1	1.6		
				Molecular weight in supply line	g/g-mole	1	1	28		
				Oxygen (O2)	%	1	1	2.3		
				Temperature	°C	1	1	44		
				Velocity	m/s	1	1	7.5		
				Volatile organic compounds	mg/Nm3	1	1	320		
				Volumetric flowrate	Nm3/s	1	1	0.47		
Flare	9/06/22	26/07/22	1/08/22	Average flare temperature	Degrees	1	1	765	≥760	No
				Volumetric flow rate	m3/s	1	1	1.3		
				Residence time	s	1	1	0.62	≥0.6	No

Template notes	Date	18/07/22	Updated Flare Template to remove Parameter: Exhaust Velocity Testing not Required, according to Emissions Testing Schedule
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