

Subsurface Gas Results

May 2023

Environment Protection Licence 5897 - Condition M2 - Air Quality - Quarterly Subsurface Gas

City of Newcastle - Summerhill Waste Management Centre
141 Minmi Road, Wallsend, NSW

Parameter		Methane CH ₄	Carbon Dioxide CO ₂	Oxygen O ₂	Hydrogen Sulfide H ₂ S
Units:		%v/v	%v/v	% v/v	ppm
LOR:		0.1	0.1	0.1	1
CN ID	EPL ID				
SSG15A	67	35.9	30.3	<0.1	1
Threshold		1.0% above background ¹ 1.25% ²	1.5 % above background ¹	-	-

Notes:

Sampling date 23/05/23. Final data obtained 23/05/23. Published date: 15/06/23.

LOR = Limit of reporting of the instrument

CN = City of Newcastle

EPL = Environment Protection Licence

1. NSW EPA Environmental Guidelines for Solid Waste Landfills, 2016.

2. EPL 5897, version date 20 March 2023

A copy of the Environmental Protection Licence can be viewed at: <http://app.epa.nsw.gov.au/prpoeoapp/>

A map showing the location of gas wells can be viewed at: <http://www.newcastle.nsw.gov.au/Living/Waste-recycling/Summerhill-Waste-management-Centre/Environmental-Monitoring-Data>