



Pollutant Monitoring Results - Subsurface Gas

Environmental Protection Licence Number: 5065

Licence Name: Lucas Heights Resource Recovery Park

Facility Address:

New Illawarra Rd Lucas Heights, NSW 2234

A copy of the full licence can be found on the
PEO Public Register
<http://www.epa.nsw.gov.au/prpoeoapp/>

Disclaimer - Monitoring data contained in this document is made available as required by Section 66(6) of the Protection of the Environment Operations Act 1997 and in accordance with the requirements issued in writing by the Environment Protection Authority. To the best of Cleanaway's knowledge, the data in this table is correct, except where specifically noted. The information and data in this table must not be published elsewhere by any means without prior consent from Cleanaway. For more details on publication of pollution monitoring data refer to the NSW EPA Website www.epa.nsw.gov.au

MB0365G (EPA ID 28)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	17/09/2024	19/12/2024	19/03/2025	8/05/2025	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments
Methane	Percent by volume	Quarterly	<0.1	0.3	<0.1	0	4	2	1	N	<0.1	0.3	0.15	
Carbon Dioxide	Percent by volume	Quarterly	0.3	0.4	0.3	0.2	4	4	N/A	N	0.2	0.4	0.3	
MB036-1 (EPA ID 51)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	17/09/2024	19/12/2024	19/03/2025	8/05/2025	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments
Methane	Percent by volume	Quarterly	<0.1	0.2	<0.1	0.5	4	2	1	N	<0.1	0.5	0.35	
Carbon Dioxide	Percent by volume	Quarterly	1.6	0.6	0.2	0.2	4	4	N/A	N	0.2	1.6	0.65	
MB0375G (EPA ID 29)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	17/09/2024	19/12/2024	19/03/2025	8/05/2025	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments
Methane	Percent by volume	Quarterly	<0.1	0.2	<0.1	0	4	2	1	N	<0.1	0.2	0.1	
Carbon Dioxide	Percent by volume	Quarterly	5.4	0.5	0.2	0.1	4	4	N/A	N	0.1	5.4	1.55	
MB037-1 (EPA ID 52)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	17/09/2024	19/12/2024	19/03/2025	8/05/2025	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments
Methane	Percent by volume	Quarterly	<0.1	0.2	<0.1	0.5	4	2	1	N	<0.1	0.5	0.35	
Carbon Dioxide	Percent by volume	Quarterly	4.9	0.7	0.1	0.1	4	4	N/A	N	0.1	4.9	1.45	
MB0425G (EPA ID 30)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	17/09/2024	18/12/2024	18/03/2025	8/05/2025	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments
Methane	Percent by volume	Quarterly	<0.1	0.2	<0.1	0	4	2	1	N	<0.1	0.2	0.1	
Carbon Dioxide	Percent by volume	Quarterly	0.1	0.4	0.1	0.2	4	4	N/A	N	0.1	0.4	0.2	
MB0435G (EPA ID 31)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	17/09/2024	18/12/2024	18/03/2025	8/05/2025	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments
Methane	Percent by volume	Quarterly	<0.1	0.2	-	0	4	2	1	N	<0.1	0.2	0.1	
Carbon Dioxide	Percent by volume	Quarterly	6.1	4.3	-	8.7	4	3	N/A	N	4.3	8.7	6.36666667	
MB0465G (EPA ID 32)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	17/09/2024	18/12/2024	18/03/2025	8/05/2025	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments
Methane	Percent by volume	Quarterly	<0.1	<0.1	<0.1	0	4	2	1	N	<0.1	0	0	
Carbon Dioxide	Percent by volume	Quarterly	0.2	0.1	<0.1	0.2	4	3	N/A	N	0.1	0.2	0.16666667	



Pollutant Monitoring Results - Subsurface Gas

Environmental Protection Licence Number: 5065

Licensee Name: Lucas Heights Resource Recovery Park

Facility Address:

New Illawarra Rd Lucas Heights, NSW 2234

A copy of the full licence can be found on the
PEO Public Register
<http://www.epa.nsw.gov.au/prpoeoapp/>

Disclaimer - Monitoring data contained in this document is made available as required by Section 66(6) of the Protection of the Environment Operations Act 1997 and in accordance with the requirements issued in writing by the Environment Protection Authority. To the best of Cleanaway's knowledge, the data in this table is correct, except where specifically noted. The information and data in this table must not be published elsewhere by any means without prior consent from Cleanaway. For more details on publication of pollution monitoring data refer to the NSW EPA Website www.epa.nsw.gov.au

MB0475G (EPA ID 33)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	17/09/2024	18/12/2024	18/03/2025	8/05/2025	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments
Methane	Percent by volume	Quarterly	<0.1	<0.1	<0.1	0	4	1	1	N	<0.1	0	0	
Carbon Dioxide	Percent by volume	Quarterly	0.1	0.1	<0.1	2.6	4	3	N/A	N	0.1	2.6	0.933333333	
MB0485G (EPA ID 53)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	17/09/2024	19/12/2024	18/03/2025	8/05/2025	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments
Methane	Percent by volume	Quarterly	<0.1	0.3	<0.1	0	4	1	1	N	<0.1	0.3	0.15	
Carbon Dioxide	Percent by volume	Quarterly	10.9	15.7	<0.1	10.3	4	3	N/A	N	10.3	15.7	12.3	
MB0495G (EPA ID 54)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	17/09/2024	19/12/2024	18/03/2025	8/05/2025	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments
Methane	Percent by volume	Quarterly	<0.1	0.1	<0.1	0.4	4	1	1	N	<0.1	0.4	0.25	
Carbon Dioxide	Percent by volume	Quarterly	6.1	14.6	11.6	8.7	4	4	N/A	N	6.1	14.6	10.25	

Comment:

** - Monitoring date pending.

“-” Monitoring data not available, cap was missing at the time of monitoring.