



Pollutant Monitoring Results - Subsurface Gas

Environmental Protection Licence Number:

5065

Licensee Name:

Lucas Heights Resource Recovery Park

Facility Address:

New Ilawarra Rd Lucas Heights, NSW 2234

A copy of the full licence can be found on the POEO 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 The information and data in this table must not be published elsewhere by any means without prior consent from Cleanaway.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

MB036SG (EPA ID 28)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	12/09/2023	20/12/2023	15/03/2024	13/06/2024	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	0	<0.1	<0.1	4	2	1	N	0	0	0	
Carbon Dioxide	Percent by volume	Quarterly	0.3	4.3	1.1	1.2	4	4	N/A	N	0.3	4.3	1.725	
MB036-1 (EPA ID 51)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	12/09/2023	20/12/2023	15/03/2024	13/06/2024	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	0	<0.1	<0.1	4	2	1	N	0	0	0	
Carbon Dioxide	Percent by volume	Quarterly	0.6	0.8	0.5	0.5	4	4	N/A	N	0.5	0.8	0.6	
MB037SG (EPA ID 29)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	12/09/2023	20/12/2023	15/03/2024	13/06/2024	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	0	<0.1	<0.1	4	2	1	N	0	0	0	
Carbon Dioxide	Percent by volume	Quarterly	4.6	10.5	0.4	0.3	4	4	N/A	N	0.3	10.5	3.95	
MB037-1 (EPA ID 52)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	12/09/2023	20/12/2023	15/03/2024	13/06/2024	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	0	<0.1	<0.1	4	2	1	N	0	0	0	
Carbon Dioxide	Percent by volume	Quarterly	1.3	0.4	0.2	0.2	4	4	N/A	N	0.2	1.3	0.525	
MB042SG (EPA ID 30)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	11/09/2023	19/12/2023	14/03/2024	12/06/2024	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	0	0.4	<0.1	4	3	1	N	0	0.4	0.13333333	
Carbon Dioxide	Percent by volume	Quarterly	0.1	0.2	0.1	0.2	4	4	N/A	N	0.1	0.2	0.15	
MB043SG (EPA ID 31)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	11/09/2023	19/12/2023	14/03/2024	12/06/2024	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	0	<0.1	<0.1	4	2	1	N	0	0	0	
Carbon Dioxide	Percent by volume	Quarterly	0.3	2.1	0.5	1.6	4	4	N/A	N	0.3	2.1	1.125	
MB046SG (EPA ID 32)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	11/09/2023	20/12/2023	14/03/2024	12/06/2024	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	0	<0.1	0.1	4	3	1	N	0	0.1	0.03333333	
Carbon Dioxide	Percent by volume	Quarterly	0.2	0.2	0.3	0.2	4	4	N/A	N	0.2	0.3	0.225	
MB047SG (EPA ID 33)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	11/09/2023	20/12/2023	14/03/2024	12/06/2024	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments



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Methane	Percent by volume	Quarterly	0	0	<0.1	0.3	4	3	1	N	0	0.3	0.1	
Carbon Dioxide	Percent by volume	Quarterly	0.1	0.1	7.8	12	4	4	N/A	N	0.1	12	5	
MB048SG (EPA ID 53)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	12/09/2023	20/12/2023	15/03/2024	13/06/2024	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	0	<0.1	<0.1	4	2	1	N	0	0	0	
Carbon Dioxide	Percent by volume	Quarterly	8.7	3.4	12	7.7	4	4	0	N	3.4	12	7.95	
MB049SG (EPA ID 54)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	12/09/2023	20/12/2023	15/03/2024	13/06/2024	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	0	*	<0.1	4	2	1	N	0	0	0	
Carbon Dioxide	Percent by volume	Quarterly	0	0	*	4.5	4	3	N/A	N	0	4.5	1.5	

* The well head was missing a cap, this has since been rectified.