

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
POEO Public Register
<http://www.epa.nsw.gov.au/prpoeoapp/>

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MB036SG (EPA ID 28)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	17/09/2024	19/12/2024	19/03/2025	**	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		4	2	1	N	<0.1	0.3	0.3	
Carbon Dioxide	Percent by volume	Quarterly	0.3	0.4	0.3		4	3	N/A	N	0.3	0.4	0.33333333	
MB036-1 (EPA ID 51)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	17/09/2024	19/12/2024	19/03/2025	**	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		4	2	1	N	<0.1	0.2	0.2	
Carbon Dioxide	Percent by volume	Quarterly	1.6	0.6	0.2		4	3	N/A	N	0.2	1.6	0.8	
MB037SG (EPA ID 29)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	17/09/2024	19/12/2024	19/03/2025	**	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		4	2	1	N	<0.1	0.2	0.2	
Carbon Dioxide	Percent by volume	Quarterly	5.4	0.5	0.2		4	3	N/A	N	0.2	5.4	2.03333333	
MB037-1 (EPA ID 52)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	17/09/2024	19/12/2024	19/03/2025	**	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		4	2	1	N	<0.1	0.2	0.2	
Carbon Dioxide	Percent by volume	Quarterly	4.9	0.7	0.1		4	3	N/A	N	0.1	4.9	1.9	
MB042SG (EPA ID 30)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	17/09/2024	18/12/2024	18/03/2025	**	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		4	2	1	N	<0.1	0.2	0.2	
Carbon Dioxide	Percent by volume	Quarterly	0.1	0.4	0.1		4	3	N/A	N	0.1	0.4	0.2	
MB043SG (EPA ID 31)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	17/09/2024	18/12/2024	18/03/2025	**	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	-		4	2	1	N	<0.1	0.2	0.2	
Carbon Dioxide	Percent by volume	Quarterly	6.1	4.3	-		4	2	N/A	N	4.3	6.1	5.2	
MB046SG (EPA ID 32)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	17/09/2024	18/12/2024	18/03/2025	**	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	<0.1	<0.1	<0.1		4	2	1	N	<0.1	0	#DIV/0!	
Carbon Dioxide	Percent by volume	Quarterly	0.2	0.1	<0.1		4	2	N/A	N	0.1	0.2	0.15	
MB047SG (EPA ID 33)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	17/09/2024	18/12/2024	18/03/2025	**	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		4	1	1	N	<0.1	0	#DIV/0!	
Carbon Dioxide	Percent by volume	Quarterly	0.1	0.1	<0.1		4	2	N/A	N	0.1	0.1	0.1	
MB048SG (EPA ID 53)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	17/09/2024	19/12/2024	18/03/2025	**	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		4	1	1	N	<0.1	0.3	0.3	
Carbon Dioxide	Percent by volume	Quarterly	10.9	15.7	<0.1		4	2	N/A	N	10.9	15.7	13.3	
MB049SG (EPA ID 54)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	17/09/2024	19/12/2024	18/03/2025	**	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		4	1	1	N	<0.1	0.1	0.1	
Carbon Dioxide	Percent by volume	Quarterly	6.1	14.6	11.6		4	3	N/A	N	6.1	14.6	10.76666667	

Comment:

** - Monitoring date pending.

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