

Pollutant Monitoring Results - Subsurface Gas

EPL No:	4068
Entity Name:	Elizabeth Drive Landfill
Site:	1725 Elizabeth Drive, KEMPS CREEK, NSW, 2178
Monitoring Frequency:	Quarterly
Link to NSW EPA Register:	Click Here

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Location Name	EPA Monitoring Point No.	Pollutant	Unit of measure	Frequency	Limit	13/03/2024	11/06/2024	-	-	Exceedance (Y/N)	No. of samples required by licence	No. of samples collected and analysed	Lowest Sample Value	Mean Sample Value	Highest Sample Value	Comments
SG1	45	Methane	Percentage by volume	Quarterly	1.00%	<0.1	0.1			N	4	2	0.1	0.1	0.1	
	45	Carbon Dioxide	Percentage by volume	Quarterly	n/a	1.9	4.2			n/a	4	2	1.9	3.1	4.2	
SG2	46	Methane	Percentage by volume	Quarterly	1.00%	<0.1	2.4			Y	4	2	2.4	2.4	2.4	Methane exceedance in Q2 11/6/2024.
	46	Carbon Dioxide	Percentage by volume	Quarterly	n/a	1.7	2.1			n/a	4	2	1.7	1.9	2.1	
SG3	47	Methane	Percentage by volume	Quarterly	1.00%	<0.1	0.1			N	4	2	0.1	0.1	0.1	
	47	Carbon Dioxide	Percentage by volume	Quarterly	n/a	1.5	0.6			n/a	4	2	0.6	1.1	1.5	
SG4	48	Methane	Percentage by volume	Quarterly	1.00%	<0.1	0.1			N	4	2	0.1	0.1	0.1	
	48	Carbon Dioxide	Percentage by volume	Quarterly	n/a	3.2	0.4			n/a	4	2	0.4	1.8	3.2	
SG5	49	Methane	Percentage by volume	Quarterly	1.00%	<0.1	0.1			N	4	2	0.1	0.1	0.1	
	49	Carbon Dioxide	Percentage by volume	Quarterly	n/a	1.4	0.9			n/a	4	2	0.9	1.2	1.4	
SG6	50	Methane	Percentage by volume	Quarterly	0.01	<0.1	<0.1			N	4	2	0	<0.1	0	
	50	Carbon Dioxide	Percentage by volume	Quarterly	n/a	2.4	1.9			n/a	4	2	1.9	2.2	2.4	
SG7	51	Methane	Percentage by volume	Quarterly	1.00%	<0.1	<0.1			N	4	2	0	<0.1	0	
	51	Carbon Dioxide	Percentage by volume	Quarterly	n/a	0.1	1.2			n/a	4	2	0.1	0.7	1.2	

Note:

"-" Monitoring data not available yet, monitoring yet to be conducted.