

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.	Frequency	Pollutant	Unit of measure	Limit	17/03/2023	13/06/2023	14/09/2023	17/01/2024*	No. of samples required by licence	No. of samples collected and analysed	Lowest Sample Value	Mean Sample Value	Highest Sample Value	Comments
SG1	45	Quarterly	Methane	Percentage by volume	1.00%	10.00%	<0.1	<0.1	<0.1	4	4	10.00%	0.1	10.00%	
	45	Quarterly	Carbon Dioxide	Percentage by volume	N/A	2.7	1.9	1.3	2.1	4	4	1.3	2.0	2.7	
SG2	46	Quarterly	Methane	Percentage by volume	1.00%	10.00%	<0.1	<0.1	<0.1	4	4	0.1	0.1	0.1	
	46	Quarterly	Carbon Dioxide	Percentage by volume	N/A	2.5	1.8	1.1	1.5	4	4	1.1	1.7	2.5	
SG3	47	Quarterly	Methane	Percentage by volume	1.00%	<0.1	<0.1	<0.1	<0.1	4	4	0	<0.1	0	
	47	Quarterly	Carbon Dioxide	Percentage by volume	N/A	0.1	4	4.9	0.5	4	4	0.1	2.4	4.9	
SG4	48	Quarterly	Methane	Percentage by volume	1.00%	<0.1	<0.1	<0.1	<0.1	4	4	0	<0.1	0	
	48	Quarterly	Carbon Dioxide	Percentage by volume	N/A	0.1	9.7	2.2	9	4	4	0.1	5.3	9.7	
SG5	49	Quarterly	Methane	Percentage by volume	1.00%	0.1	<0.1	<0.1	<0.1	4	4	0.1	0.1	0.1	
	49	Quarterly	Carbon Dioxide	Percentage by volume	N/A	1.4	1.5	0.7	2.6	4	4	0.7	1.6	2.6	
SG6	50	Quarterly	Methane	Percentage by volume	0.01	<0.1	<0.1	<0.1	<0.1	4	4	0	<0.1	0	
	50	Quarterly	Carbon Dioxide	Percentage by volume	N/A	2.5	1.9	2.1	2.2	4	4	1.9	2.2	2.5	
SG7	51	Quarterly	Methane	Percentage by volume	1.00%	0.1	<0.1	<0.1	<0.1	4	4	0.1	0.1	0.1	
	51	Quarterly	Carbon Dioxide	Percentage by volume	N/A	0.5	1	1	1.2	4	4	0.5	0.9	1.2	

Comments:

"17/1/2024*" In Q4 2023, Cleanaway encountered an issue with the Consultant (CES) completing the sampling on the scheduled date (21/12/2023). Due to the Christmas closure period the consultant was not able to conduct the sampling in December 2023. The sampling was rescheduled for the 17th January 2024.