



Pollutant Monitoring Results - Surface 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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Date Monitoring Data Uploaded	Date Monitoring Data Obtained	Date Monitored	Sampled Point as per Licence	No. of GPS points measured during reporting period	Pollutant	Minimum Value	Mean Value	Median Value	Maximum Value	Unit of Measure	Pollutant limit as per Licence	Exceedance (Y/N)	Comments
2/05/2024	26/03/2024	21/03/2024	Surface Gas	1203	Methane	0.4	13.3	9.7	7970	ppm	500	Y	9 exceedances: 678, 711, 660, 991, 1150, 580, 7380, 7970, 672 ppm v/v respectively. Actions: Recover and adjust gas extraction. Retest of the areas done - exceedances rectified.
		24/05/2024	Surface Gas	1100	Methane	0.2	9.1	7.6	775	ppm	500	Y	3 exceedances: 775, 507, 623. Actions: Cover with bentonite clay, resurface the area that will eventually become an operational area. Retest of the areas done - 1 exceedances rectified, 2 were resurfaced to become operational areas.
		1/8/2024	Surface Gas	1150	Methane	0.5	12.7	9.5	3033	ppm	500	Y	11 exceedances 774, 3033, 574, 1205, 576, 1080, 704, 752, 539, 774, 602. Actions: Recover with soil and adjust gas extraction. Retest of the areas done areas have since been rectified.
7/02/2025	7/02/2025	28/11/2024	Surface Gas	1170	Methane	0.3	13.1	9.9	8300	ppm	500	Y	5 exceedances: 640, 1290, 3800, 8300, 590. Actions: Adjust gas extraction. Retest of the areas done - exceedances rectified.