Pollutant Monitoring Results - Surface Gas

Environmental Protection Licence Number:	**5065**	Licensee Name:	**Lucas Heights Resource Recovery Park**

A copy of the full licence can be found on the POEO Public Register
http://www.epa.nsw.gov.au/prpoeoapp/

Facility Address:	**New Illawarrra Rd Lucas Heights, NSW 2234**

		No. of GPS points measured during reporting period	Pollutant Limit	Unit of measure	Exceedance (Y/N)	Min (ppm)	Median (ppm)	Average (ppm)	Max (ppm)	Comments
Landfill Surface Gas	3-4 & 8/10/2024	15856	500	ppm	Y	2.1	6	20.02	4063	2 locations with elevated readings: 4063ppm, 683ppm. Remediated with a clay plugs and increased gas extraction, retest result below 500ppm.
	10 & 12/12/2024	12336	500	ppm	Y	1.8	2.7	9.81	700	1 location with elevated reading: 700ppm
	27/03/2025	n/a	500	ppm	N	n/a	n/a	n/a	n/a	No exceedance
	24/06/2025	n/a	500	ppm	Y	n/a	n/a	n/a	1000	1 location with elevated reading: 1000ppm. Remediated with bentonite, retest result below 500ppm.
	22/09/2025	n/a	500	ppm	Y	n/a	n/a	n/a	618	1 location with elevated reading of 618 ppm.It was remediated with bentonite, retest result below 500 ppm.
	Monitoring Frequency Required by licence	Quarterly								
	No. of samples required	4								
	No. of samples collected and analysed	5								

Comment:
*ppm = Parts per million
** Monitoirng date pending
n/a - unable to retrieve data from the monitoring device