



Pollutant Monitoring Results - General Pollutant

Environmental Protection Licence Number:

5065

Licensee Name:

Lucas Heights Resource Recovery Park

Facility Address:

New Illawarra Rd Lucas Heights, NSW 2234

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Reporting Period: November 2023 - January 2024

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Date Monitoring Data Uploaded	Date Monitoring Data Obtained	Date Monitored	Sampling Point as per Licence	No. of times measured during reporting period	Pollutant	Monitoring Frequency Required by licence	Actual Value	Unit	Pollutant limit as per Licence	Exceedance (Y/N or NA)	Comments
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Total Alkalinity	Yearly	5970	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Carbonate Alkalinity as	Yearly	382	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Aluminium	Yearly	0.24	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Arsenic	Yearly	0.11	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Barium	Yearly	0.652	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Benzene	Yearly	<1	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Benzo(a)pyrene	Yearly	<0.5	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Bicarbonate Alkalinity as CaCO3	Yearly	5590	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Biological Oxygen Demand	Yearly	35	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Cadmium	Yearly	<0.0010	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Calcium (II) Ion	Yearly	59	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	COD	Yearly	1870	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Chloride	Yearly	2220	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Chromium (Hexavalent)	Yearly	<1.00	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Chromium (Total)	Yearly	0.257	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Cobalt	Yearly	0.053	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Electrical Conductivity (field)	Quarterly	15900	uS/cm	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Copper	Yearly	<0.010	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Ethylbenzene	Yearly	<2	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Fluoride	Yearly	0.7	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Lead	Yearly	<0.010	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Magnesium (II) Ion	Yearly	56	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Manganese	Yearly	0.412	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Mercury	Yearly	<0.0010	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Nickel	Yearly	0.196	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Nitrate as N	Yearly	4.34	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Nitrite as N	Yearly	0.13	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Ammonia as N	Yearly	1100	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	OCF	Yearly	<0.5	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	OPP	Yearly	<0.5	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	pH (field)	Quarterly	8.46	pH units	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Phosphorus - Total	Yearly	16.5	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	PAH	Yearly	<0.5	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Potassium (I) Ion	Yearly	837	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Sodium (Na)	Yearly	1600	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Sulphate	Yearly	<10	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Toluene	Yearly	<2	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Total Dissolved Solids	Yearly	7530	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Total Organic Carbon	Yearly	624	mg/L	N/A	N	



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19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	TPH	Yearly	1620	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Total Phenolics (as Phenol)	Yearly	<0.05	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Total Suspended Solids	Yearly	88	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	m+p-Xylene	Yearly	<2	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LD001 (Point 3)	1	Zinc	Yearly	0.166	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Total Alkalinity	Yearly	1890	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Carbonate Alkalinity as	Yearly	<1	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Aluminium	Yearly	<0.10	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Arsenic	Yearly	<0.010	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Barium	Yearly	0.177	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Benzene	Yearly	<1	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Benzo[a]pyrene	Yearly	<0.5	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Bicarbonate Alkalinity as CaCO3	Yearly	1890	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Biological Oxygen Demand	Yearly	22	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Cadmium	Yearly	<0.0010	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Calcium (II) Ion	Yearly	63	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	COD	Yearly	283	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Chloride	Yearly	829	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Chromium (Hexavalent)	Yearly	<0.10	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Chromium (Total)	Yearly	0.013	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Cobalt	Yearly	0.012	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Electrical Conductivity (field)	Quarterly	6060	uS/cm	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Copper	Yearly	0.052	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Ethylbenzene	Yearly	<2	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Fluoride	Yearly	0.3	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Lead	Yearly	<0.010	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Magnesium (II) Ion	Yearly	36	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Manganese	Yearly	0.11	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Mercury	Yearly	<0.0001	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Nickel	Yearly	0.047	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Nitrate as N	Yearly	0.23	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Nitrite as N	Yearly	0.1	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Ammonia as N	Yearly	403	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	OCP	Yearly	<0.5	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	OPP	Yearly	<0.5	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	pH (field)	Quarterly	7.7	pH units	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Phosphorus - Total	Yearly	0.84	mg/L	N/A	N	



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19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	PAH	Yearly	<0.5	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Potassium (I) Ion	Yearly	270	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Sodium (Na)	Yearly	522	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Sulphate	Yearly	<10	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Toluene	Yearly	<2	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Total Dissolved Solids	Yearly	2310	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Total Organic Carbon	Yearly	124	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	TPH	Yearly	670	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Total Phenolics (as Phenol)	Yearly	<0.05	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Total Suspended Solids	Yearly	12	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	m+p-Xylene	Yearly	<2	mg/L	N/A	N	
19/02/2024	19/02/2024	29/01/2024	LH1DAM (Point 40)	1	Zinc	Yearly	<0.052	mg/L	N/A	N	