



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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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
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Total Alkalinity	Yearly	6180	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Carbonate Alkalinity as	Yearly	655	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Aluminium	Yearly	0.35	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Arsenic	Yearly	0.098	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Barium	Yearly	0.537	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Benzene	Yearly	<1	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Benzo(a)pyrene	Yearly	<0.5	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Bicarbonate Alkalinity as CaCO3	Yearly	5520	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Biological Oxygen Demand	Yearly	37	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Cadmium	Yearly	0.0001	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Calcium (II) Ion	Yearly	58	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	COD	Yearly	1840	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Chloride	Yearly	2250	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Chromium (Hexavalent)	Yearly	-	mg/L	N/A	N	The sample bottle was not provided to conduct the analysis.
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Chromium (Total)	Yearly	0.231	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Cobalt	Yearly	0.059	mg/L	N/A	N	
7/02/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Electrical Conductivity (field)	Quarterly	15500	uS/cm	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Copper	Yearly	0.011	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Ethylbenzene	Yearly	<2	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Fluoride	Yearly	0.8	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Lead	Yearly	0.008	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Magnesium (II) Ion	Yearly	52	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Manganese	Yearly	0.458	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Mercury	Yearly	<0.0001	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Nickel	Yearly	0.235	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Nitrate as N	Yearly	6.84	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Nitrite as N	Yearly	6.56	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Ammonia as N	Yearly	1390	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	OCP	Yearly	<0.5	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	OPP	Yearly	<0.5	mg/L	N/A	N	
7/02/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	pH (field)	Quarterly	8.51	pH units	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Phosphorus - Total	Yearly	136	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	PAH	Yearly	<0.5	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Potassium (I) Ion	Yearly	797	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Sodium (Na)	Yearly	1540	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Sulphate	Yearly	12	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Toluene	Yearly	<2	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Total Dissolved Solids	Yearly	7530	mg/L	N/A	N	



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13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Total Organic Carbon	Yearly	881	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	TPH	Yearly	<20	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Total Phenolics (as Phenol)	Yearly	<0.10	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Total Suspended Solids	Yearly	85	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	m-p-Xylene	Yearly	<2	mg/L	N/A	N	
13/11/2023	7/02/2023	24/01/2023	LD001 (Point 3)	1	Zinc	Yearly	0.109	mg/L	N/A	N	