



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 Obtained	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
14/03/2017	LD001 (Point 3)	1	Dissolved Oxygen (field)	Quarterly	0.5	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Electrical Conductivity (field)	Quarterly	16390	uS/cm	N/A	N	
14/03/2017	LD001 (Point 3)	1	pH (field)	Quarterly	8.01	pH units	N/A	N	
14/03/2017	LD001 (Point 3)	1	Redox (field)	Quarterly	-272	mV	N/A	N	
14/03/2017	LD001 (Point 3)	1	Temperature (field)	Quarterly	23.3	deg c	N/A	N	
14/03/2017	LD001 (Point 3)	1	Turbidity	Quarterly	nt	NTU	N/A	N	
14/03/2017	LD001 (Point 3)	1	Biological Oxygen Demand	Quarterly	1190	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Sodium (Na)	Quarterly	1600	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Potassium (I) Ion	Quarterly	720	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Calcium (II) Ion	Quarterly	64	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Magnesium (II) Ion	Quarterly	54	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Chloride	Quarterly	1900	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Fluoride	Quarterly	0.7	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Sulphate	Quarterly	3	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Nitrate as N	Quarterly	<0.5	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Nitrite as N	Quarterly	<0.5	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Ammonia as N	Quarterly	1200	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Benzene	Quarterly	<0.01	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Toluene	Quarterly	0.031	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Ethylbenzene	Quarterly	0.01	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	meta- & para-Xylene	Quarterly	0.024	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	ortho-Xylene	Quarterly	0.013	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Naphthalene	Quarterly	0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Acenaphthylene	Quarterly	<0.001	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Acenaphthene	Quarterly	<0.001	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Fluorene	Quarterly	<0.001	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Phenanthrene	Quarterly	0.001	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Anthracene	Quarterly	<0.001	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Fluoranthene	Quarterly	<0.001	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Pyrene	Quarterly	<0.001	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Benzo(a)anthracene	Quarterly	<0.001	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Chrysene	Quarterly	<0.001	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Benzo(b)&(k)fluoranthene	Quarterly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Benzo(a)pyrene	Quarterly	<0.001	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Indeno(1,2,3-cd)pyrene	Quarterly	<0.001	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Dibenz(a,h)anthracene	Quarterly	<0.001	mg/L	N/A	N	



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14/03/2017	LD001 (Point 3)	1	Benzo(g,h,i)perylene	Quarterly	<0.001	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	TPH C6 - C9	Quarterly	0.31	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	TPH C10 - C14	Quarterly	3	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	TPH C15 - C28	Quarterly	5.5	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	C10- C16	Quarterly	3.6	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	C10- C16FRF2	Quarterly	3.5	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	C16- C34	Quarterly	5.2	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	TPH C29 - C36	Quarterly	0.66	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Aluminium	Yearly	310	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Arsenic	Yearly	79	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Barium	Yearly	540	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Cadmium	Yearly	<0.1	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Chromium	Yearly	180	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Hexavalent Chromium, Cr6+	Yearly	<0.5	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Cobalt	Yearly	45	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Copper	Yearly	<1	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Lead	Yearly	<1	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Manganese	Yearly	290	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Mercury	Yearly	<0.05	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Nickel	Yearly	170	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Zinc	Yearly	14	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Diazinon	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Dimethoate	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Chlorpyrifos-methyl	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Ronnel	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Chlorpyrifos	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Fenitrothion	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Bromophos-ethyl	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Ethion	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Hexachlorobenzene	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	alpha-BHC	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	gamma-BHC (Lindane)	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	b-BHC	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Heptachlor	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	d-BHC	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Aldrin	Yearly	<0.002	mg/L	N/A	N	



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14/03/2017	LD001 (Point 3)	1	Heptachlor epoxide	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Chlordane - trans	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Chlordane - cis	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Endosulfan	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	4,4-DDE	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	4,4-DDD	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	4,4-DDT	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Dieldrin	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Endrin	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Endosulfan II	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Endrin aldehyde	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Endosulfan sulphate	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Methoxychlor	Yearly	<0.002	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Hydroxide Alkalinity (OH ⁻)	Yearly	<5	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Bicarbonate Alkalinity as	Yearly	7400	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Carbonate Alkalinity as	Yearly	<5	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Total Alkalinity	Yearly	7400	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Phosphate as P in water	Yearly	16	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Total Dissolved Solids	Yearly	7500	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Total Organic Carbon	Yearly	1500	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Total Phenolics (as Phenol)	Yearly	0.2	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Total Suspended Solids	Yearly	44	mg/L	N/A	N	
14/03/2017	LD001 (Point 3)	1	Phosphorus - Total	Yearly	16	mg/L	N/A	N	