



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
14/03/2016	LD001 (Point 3)	1	Electrical Conductivity (field)	Quarterly	16050	uS/cm	N/A	N	
14/03/2016	LD001 (Point 3)	1	pH (field)	Quarterly	8.43	pH units	N/A	N	
14/03/2016	LD001 (Point 3)	1	Sodium (Na)	Quarterly	1900	mg/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Potassium (I) Ion	Quarterly	870	mg/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Calcium (II) Ion	Quarterly	75	mg/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Magnesium (II) Ion	Quarterly	74	mg/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Turbidity	Quarterly	300	NTU	N/A	N	
14/03/2016	LD001 (Point 3)	1	Chloride	Quarterly	2100	mg/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Sulphate	Quarterly	17	mg/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Fluoride	Quarterly	0.8	mg/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Nitrate as N	Quarterly	73	mg/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Nitrite as N	Quarterly	260	mg/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Benzo(a)pyrene	Quarterly	<0.001	mg/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Benzene	Quarterly	<1	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Toluene	Quarterly	<1	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Ethylbenzene	Quarterly	<1	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Xylenes	Quarterly	<40	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Naphthalene	Quarterly	<1	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Acenaphthylene	Quarterly	<1	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Acenaphthene	Quarterly	<1	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Fluorene	Quarterly	<1	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Phenanthrene	Quarterly	<1	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Anthracene	Quarterly	<1	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Fluoranthene	Quarterly	<1	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Pyrene	Quarterly	<1	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Benzo(a)anthracene	Quarterly	<1	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Chrysene	Quarterly	<1	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Benzo(b)&(k)fluoranthene	Quarterly	<2	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Indeno(1,2,3-cd)pyrene	Quarterly	<1	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Dibenz(a,h)anthracene	Quarterly	<1	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Benzo(g,h,i)perylene	Quarterly	<1	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Total Dissolved Solids	Quarterly	11000	mg/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Total Organic Carbon	Quarterly	610	mg/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Total Phenolics	Quarterly	0.2	mg/L	N/A	N	



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14/03/2016	LD001 (Point 3)	1	Aluminium	Quarterly	0.5	mg/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Arsenic	Quarterly	0.066	mg/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Barium	Quarterly	0.36	mg/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Cadmium	Quarterly	0.0001	mg/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Chromium	Quarterly	0.19	mg/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Hexavalent Chromium	Quarterly	<0.001	mg/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Cobalt	Quarterly	0.052	mg/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Copper	Quarterly	0.018	mg/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Lead	Quarterly	0.021	mg/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Manganese	Quarterly	0.47	mg/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Mercury	Quarterly	<0.001	mg/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Nickel	Quarterly	0.2	mg/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Zinc	Quarterly	0.24	mg/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Diazinon	Quarterly	<0.2	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Dimethoate	Quarterly	<0.2	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Chlorpyrifos-methyl	Quarterly	<0.2	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Ronnel	Quarterly	<0.2	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Chlorpyrifos	Quarterly	<0.2	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Fenitrothion	Quarterly	<0.2	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Bromophos-ethyl	Quarterly	<0.2	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Ethion	Quarterly	<0.2	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Hexachlorobenzene	Quarterly	<0.2	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	alpha-BHC	Quarterly	<0.2	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	gamma-BHC (Lindane)	Quarterly	<0.2	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	b-BHC	Quarterly	<0.2	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Heptachlor	Quarterly	<0.2	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	d-BHC	Quarterly	<0.2	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Aldrin	Quarterly	<0.2	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Heptachlor epoxide	Quarterly	<0.2	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Chlordane - trans	Quarterly	<0.2	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Chlordane - cis	Quarterly	<0.2	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	Endosulfan	Quarterly	<0.2	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	4,4-DDE	Quarterly	<0.2	ug/L	N/A	N	
14/03/2016	LD001 (Point 3)	1	4,4-DDD	Quarterly	<0.2	ug/L	N/A	N	



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