

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
29/06/2022	MB008 (Point 4)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	17	mg/L	N/A	N	
29/06/2022	MB008 (Point 4)	1	Bicarbonate Alkalinity	Quarterly	17	mg/L	N/A	N	
29/06/2022	MB008 (Point 4)	1	Calcium (II) Ion	Quarterly	4	mg/L	N/A	N	
29/06/2022	MB008 (Point 4)	1	Chloride	Quarterly	82	mg/L	N/A	N	
29/06/2022	MB008 (Point 4)	1	Magnesium (II) Ion	Quarterly	8.1	mg/L	N/A	N	
29/06/2022	MB008 (Point 4)	1	Nitrate as N in water	Quarterly	0.01	mg/L	N/A	N	
29/06/2022	MB008 (Point 4)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
29/06/2022	MB008 (Point 4)	1	Ammonia as N	Quarterly	0.021	mg/L	N/A	N	
29/06/2022	MB008 (Point 4)	1	pH (field)	Quarterly	5.35	pH units	N/A	N	
29/06/2022	MB008 (Point 4)	1	Phosphorus	Quarterly	0.1	mg/L	N/A	N	
29/06/2022	MB008 (Point 4)	1	Potassium (I) Ion	Quarterly	1	mg/L	N/A	N	
29/06/2022	MB008 (Point 4)	1	Redox (field)	Quarterly	206.4	mV	N/A	N	
29/06/2022	MB008 (Point 4)	1	Sodium (Na)	Quarterly	34	mg/L	N/A	N	
29/06/2022	MB008 (Point 4)	1	Standing Water Level	Quarterly	15.73	mBTOC	N/A	N	
29/06/2022	MB008 (Point 4)	1	Sulphate	Quarterly	7	mg/L	N/A	N	
29/06/2022	MB008 (Point 4)	1	Temperature (field)	Quarterly	19.3	deg c	N/A	N	
29/06/2022	MB008 (Point 4)	1	Total Dissolved Solids	Quarterly	190	mg/L	N/A	N	
29/06/2022	MB008 (Point 4)	1	Total Organic Carbon	Quarterly	18	mg/L	N/A	N	
29/06/2022	MB023 (Point 44)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	64	mg/L	N/A	N	
29/06/2022	MB023 (Point 44)	1	Bicarbonate Alkalinity	Quarterly	64	mg/L	N/A	N	
29/06/2022	MB023 (Point 44)	1	Calcium (II) Ion	Quarterly	25	mg/L	N/A	N	
29/06/2022	MB023 (Point 44)	1	Chloride	Quarterly	2300	mg/L	N/A	N	
29/06/2022	MB023 (Point 44)	1	Magnesium (II) Ion	Quarterly	140	mg/L	N/A	N	
29/06/2022	MB023 (Point 44)	1	Nitrate as N in water	Quarterly	0.19	mg/L	N/A	N	
29/06/2022	MB023 (Point 44)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
29/06/2022	MB023 (Point 44)	1	Ammonia as N	Quarterly	0.094	mg/L	N/A	N	
29/06/2022	MB023 (Point 44)	1	pH (field)	Quarterly	5.85	pH units	N/A	N	
29/06/2022	MB023 (Point 44)	1	Phosphorus	Quarterly	6.5	mg/L	N/A	N	
29/06/2022	MB023 (Point 44)	1	Potassium (I) Ion	Quarterly	26	mg/L	N/A	N	
29/06/2022	MB023 (Point 44)	1	Redox (field)	Quarterly	133.2	mV	N/A	N	
29/06/2022	MB023 (Point 44)	1	Sodium (Na)	Quarterly	1100	mg/L	N/A	N	
29/06/2022	MB023 (Point 44)	1	Standing Water Level	Quarterly	6.13	mBTOC	N/A	N	
29/06/2022	MB023 (Point 44)	1	Sulphate	Quarterly	240	mg/L	N/A	N	
29/06/2022	MB023 (Point 44)	1	Temperature (field)	Quarterly	16.8	deg c	N/A	N	
29/06/2022	MB023 (Point 44)	1	Total Dissolved Solids	Quarterly	5200	mg/L	N/A	N	
29/06/2022	MB023 (Point 44)	1	Total Organic Carbon	Quarterly	8	mg/L	N/A	N	

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29/06/2022	MB032 (Point 7)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	46	mg/L	N/A	N	
29/06/2022	MB032 (Point 7)	1	Bicarbonate Alkalinity	Quarterly	46	mg/L	N/A	N	
29/06/2022	MB032 (Point 7)	1	Calcium (II) Ion	Quarterly	6	mg/L	N/A	N	
29/06/2022	MB032 (Point 7)	1	Chloride	Quarterly	95	mg/L	N/A	N	
29/06/2022	MB032 (Point 7)	1	Magnesium (II) Ion	Quarterly	11	mg/L	N/A	N	
29/06/2022	MB032 (Point 7)	1	Nitrate as N in water	Quarterly	0.006	mg/L	N/A	N	
29/06/2022	MB032 (Point 7)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
29/06/2022	MB032 (Point 7)	1	Ammonia as N	Quarterly	0.035	mg/L	N/A	N	
29/06/2022	MB032 (Point 7)	1	pH (field)	Quarterly	6.19	pH units	N/A	N	
29/06/2022	MB032 (Point 7)	1	Phosphorus	Quarterly	0.5	mg/L	N/A	N	
29/06/2022	MB032 (Point 7)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
29/06/2022	MB032 (Point 7)	1	Redox (field)	Quarterly	5.7	mV	N/A	N	
29/06/2022	MB032 (Point 7)	1	Sodium (Na)	Quarterly	44	mg/L	N/A	N	
29/06/2022	MB032 (Point 7)	1	Standing Water Level	Quarterly	11.3	mBTOC	N/A	N	
29/06/2022	MB032 (Point 7)	1	Sulphate	Quarterly	11	mg/L	N/A	N	
29/06/2022	MB032 (Point 7)	1	Temperature (field)	Quarterly	17.3	deg c	N/A	N	
29/06/2022	MB032 (Point 7)	1	Total Dissolved Solids	Quarterly	210	mg/L	N/A	N	
29/06/2022	MB032 (Point 7)	1	Total Organic Carbon	Quarterly	<1	mg/L	N/A	N	
29/06/2022	MB033 (Point 18)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	62	mg/L	N/A	N	
29/06/2022	MB033 (Point 18)	1	Bicarbonate Alkalinity	Quarterly	62	mg/L	N/A	N	
29/06/2022	MB033 (Point 18)	1	Calcium (II) Ion	Quarterly	5.1	mg/L	N/A	N	
29/06/2022	MB033 (Point 18)	1	Chloride	Quarterly	92	mg/L	N/A	N	
29/06/2022	MB033 (Point 18)	1	Magnesium (II) Ion	Quarterly	10	mg/L	N/A	N	
29/06/2022	MB033 (Point 18)	1	Nitrate as N in water	Quarterly	<0.005	mg/L	N/A	N	
29/06/2022	MB033 (Point 18)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
15/07/2022	MB033 (Point 18)	1	Ammonia as N	Quarterly	0.04	mg/L	N/A	N	
29/06/2022	MB033 (Point 18)	1	pH (field)	Quarterly	5.91	pH units	N/A	N	
29/06/2022	MB033 (Point 18)	1	Phosphorus	Quarterly	0.6	mg/L	N/A	N	
29/06/2022	MB033 (Point 18)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
29/06/2022	MB033 (Point 18)	1	Redox (field)	Quarterly	-73.2	mV	N/A	N	
29/06/2022	MB033 (Point 18)	1	Sodium (Na)	Quarterly	44	mg/L	N/A	N	
29/06/2022	MB033 (Point 18)	1	Standing Water Level	Quarterly	2.63	mBTOC	N/A	N	
29/06/2022	MB033 (Point 18)	1	Sulphate	Quarterly	10	mg/L	N/A	N	
29/06/2022	MB033 (Point 18)	1	Temperature (field)	Quarterly	16.4	deg c	N/A	N	
29/06/2022	MB033 (Point 18)	1	Total Dissolved Solids	Quarterly	230	mg/L	N/A	N	
29/06/2022	MB033 (Point 18)	1	Total Organic Carbon	Quarterly	<1	mg/L	N/A	N	

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29/06/2022	MB034 (Point 8)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	17	mg/L	N/A	N	
29/06/2022	MB034 (Point 8)	1	Bicarbonate Alkalinity	Quarterly	17	mg/L	N/A	N	
29/06/2022	MB034 (Point 8)	1	Calcium (II) Ion	Quarterly	2	mg/L	N/A	N	
29/06/2022	MB034 (Point 8)	1	Chloride	Quarterly	93	mg/L	N/A	N	
29/06/2022	MB034 (Point 8)	1	Magnesium (II) Ion	Quarterly	7.2	mg/L	N/A	N	
29/06/2022	MB034 (Point 8)	1	Nitrate as N in water	Quarterly	0.03	mg/L	N/A	N	
29/06/2022	MB034 (Point 8)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
29/06/2022	MB034 (Point 8)	1	Ammonia as N	Quarterly	<0.05	mg/L	N/A	N	
29/06/2022	MB034 (Point 8)	1	pH (field)	Quarterly	5.41	pH units	N/A	N	
29/06/2022	MB034 (Point 8)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
29/06/2022	MB034 (Point 8)	1	Potassium (I) Ion	Quarterly	0.9	mg/L	N/A	N	
29/06/2022	MB034 (Point 8)	1	Redox (field)	Quarterly	130.5	mV	N/A	N	
29/06/2022	MB034 (Point 8)	1	Sodium (Na)	Quarterly	44	mg/L	N/A	N	
29/06/2022	MB034 (Point 8)	1	Standing Water Level	Quarterly	3.39	mBTC	N/A	N	
29/06/2022	MB034 (Point 8)	1	Sulphate	Quarterly	10	mg/L	N/A	N	
29/06/2022	MB034 (Point 8)	1	Temperature (field)	Quarterly	17.4	deg c	N/A	N	
29/06/2022	MB034 (Point 8)	1	Total Dissolved Solids	Quarterly	190	mg/L	N/A	N	
29/06/2022	MB034 (Point 8)	1	Total Organic Carbon	Quarterly	<1	mg/L	N/A	N	
29/06/2022	MB035 (Point 19)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	<5	mg/L	N/A	N	
29/06/2022	MB035 (Point 19)	1	Bicarbonate Alkalinity	Quarterly	<5	mg/L	N/A	N	
29/06/2022	MB035 (Point 19)	1	Calcium (II) Ion	Quarterly	2	mg/L	N/A	N	
29/06/2022	MB035 (Point 19)	1	Chloride	Quarterly	95	mg/L	N/A	N	
29/06/2022	MB035 (Point 19)	1	Magnesium (II) Ion	Quarterly	6.7	mg/L	N/A	N	
29/06/2022	MB035 (Point 19)	1	Nitrate as N in water	Quarterly	<0.005	mg/L	N/A	N	
29/06/2022	MB035 (Point 19)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
29/06/2022	MB035 (Point 19)	1	Ammonia as N	Quarterly	0.076	mg/L	N/A	N	
29/06/2022	MB035 (Point 19)	1	pH (field)	Quarterly	4.64	pH units	N/A	N	
29/06/2022	MB035 (Point 19)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
29/06/2022	MB035 (Point 19)	1	Potassium (I) Ion	Quarterly	1	mg/L	N/A	N	
29/06/2022	MB035 (Point 19)	1	Redox (field)	Quarterly	2408	mV	N/A	N	
29/06/2022	MB035 (Point 19)	1	Sodium (Na)	Quarterly	42	mg/L	N/A	N	
29/06/2022	MB035 (Point 19)	1	Standing Water Level	Quarterly	2.66	mBTC	N/A	N	
29/06/2022	MB035 (Point 19)	1	Sulphate	Quarterly	60	mg/L	N/A	N	
29/06/2022	MB035 (Point 19)	1	Temperature (field)	Quarterly	17.1	deg c	N/A	N	
29/06/2022	MB035 (Point 19)	1	Total Dissolved Solids	Quarterly	200	mg/L	N/A	N	
29/06/2022	MB035 (Point 19)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	

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29/06/2022	MB038 (Point 24)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	14	mg/L	N/A	N	
29/06/2022	MB038 (Point 24)	1	Bicarbonate Alkalinity	Quarterly	14	mg/L	N/A	N	
29/06/2022	MB038 (Point 24)	1	Calcium (II) Ion	Quarterly	1	mg/L	N/A	N	
29/06/2022	MB038 (Point 24)	1	Chloride	Quarterly	140	mg/L	N/A	N	
29/06/2022	MB038 (Point 24)	1	Magnesium (II) Ion	Quarterly	11	mg/L	N/A	N	
29/06/2022	MB038 (Point 24)	1	Nitrate as N in water	Quarterly	0.02	mg/L	N/A	N	
29/06/2022	MB038 (Point 24)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
29/06/2022	MB038 (Point 24)	1	Ammonia as N	Quarterly	0.022	mg/L	N/A	N	
29/06/2022	MB038 (Point 24)	1	pH (field)	Quarterly	5.54	pH units	N/A	N	
29/06/2022	MB038 (Point 24)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
29/06/2022	MB038 (Point 24)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
29/06/2022	MB038 (Point 24)	1	Redox (field)	Quarterly	100.6	mV	N/A	N	
29/06/2022	MB038 (Point 24)	1	Sodium (Na)	Quarterly	61	mg/L	N/A	N	
29/06/2022	MB038 (Point 24)	1	Standing Water Level	Quarterly	19.94	mBTOC	N/A	N	
29/06/2022	MB038 (Point 24)	1	Sulphate	Quarterly	30	mg/L	N/A	N	
29/06/2022	MB038 (Point 24)	1	Temperature (field)	Quarterly	14.9	deg c	N/A	N	
29/06/2022	MB038 (Point 24)	1	Total Dissolved Solids	Quarterly	290	mg/L	N/A	N	
29/06/2022	MB038 (Point 24)	1	Total Organic Carbon	Quarterly	4	mg/L	N/A	N	
29/06/2022	MB040 (Point 26)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	<5	mg/L	N/A	N	
29/06/2022	MB040 (Point 26)	1	Bicarbonate Alkalinity	Quarterly	<5	mg/L	N/A	N	
29/06/2022	MB040 (Point 26)	1	Calcium (II) Ion	Quarterly	2	mg/L	N/A	N	
29/06/2022	MB040 (Point 26)	1	Chloride	Quarterly	94	mg/L	N/A	N	
29/06/2022	MB040 (Point 26)	1	Magnesium (II) Ion	Quarterly	7.4	mg/L	N/A	N	
29/06/2022	MB040 (Point 26)	1	Nitrate as N in water	Quarterly	0.007	mg/L	N/A	N	
29/06/2022	MB040 (Point 26)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
29/06/2022	MB040 (Point 26)	1	Ammonia as N	Quarterly	0.41	mg/L	N/A	N	
29/06/2022	MB040 (Point 26)	1	pH (field)	Quarterly	4.48	pH units	N/A	N	
29/06/2022	MB040 (Point 26)	1	Phosphorus	Quarterly	0.2	mg/L	N/A	N	
29/06/2022	MB040 (Point 26)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
29/06/2022	MB040 (Point 26)	1	Redox (field)	Quarterly	207.3	mV	N/A	N	
29/06/2022	MB040 (Point 26)	1	Sodium (Na)	Quarterly	45	mg/L	N/A	N	
29/06/2022	MB040 (Point 26)	1	Standing Water Level	Quarterly	11.36	mBTOC	N/A	N	
29/06/2022	MB040 (Point 26)	1	Sulphate	Quarterly	30	mg/L	N/A	N	
29/06/2022	MB040 (Point 26)	1	Temperature (field)	Quarterly	16.5	deg c	N/A	N	
29/06/2022	MB040 (Point 26)	1	Total Dissolved Solids	Quarterly	220	mg/L	N/A	N	
29/06/2022	MB040 (Point 26)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	

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29/06/2022	MB041 (Point 27)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	<5	mg/L	N/A	N	
29/06/2022	MB041 (Point 27)	1	Bicarbonate Alkalinity	Quarterly	<5	mg/L	N/A	N	
29/06/2022	MB041 (Point 27)	1	Calcium (II) Ion	Quarterly	1	mg/L	N/A	N	
29/06/2022	MB041 (Point 27)	1	Chloride	Quarterly	75	mg/L	N/A	N	
29/06/2022	MB041 (Point 27)	1	Magnesium (II) Ion	Quarterly	9.4	mg/L	N/A	N	
29/06/2022	MB041 (Point 27)	1	Nitrate as N in water	Quarterly	0.063	mg/L	N/A	N	
29/06/2022	MB041 (Point 27)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
29/06/2022	MB041 (Point 27)	1	Ammonia as N	Quarterly	0.17	mg/L	N/A	N	
29/06/2022	MB041 (Point 27)	1	pH (field)	Quarterly	4.37	pH units	N/A	N	
29/06/2022	MB041 (Point 27)	1	Phosphorus	Quarterly	0.07	mg/L	N/A	N	
29/06/2022	MB041 (Point 27)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
29/06/2022	MB041 (Point 27)	1	Redox (field)	Quarterly	250	mV	N/A	N	
29/06/2022	MB041 (Point 27)	1	Sodium (Na)	Quarterly	46	mg/L	N/A	N	
29/06/2022	MB041 (Point 27)	1	Standing Water Level	Quarterly	6.5	mBTOC	N/A	N	
29/06/2022	MB041 (Point 27)	1	Sulphate	Quarterly	160	mg/L	N/A	N	
29/06/2022	MB041 (Point 27)	1	Temperature (field)	Quarterly	17.2	deg c	N/A	N	
29/06/2022	MB041 (Point 27)	1	Total Dissolved Solids	Quarterly	270	mg/L	N/A	N	
29/06/2022	MB041 (Point 27)	1	Total Organic Carbon	Quarterly	4	mg/L	N/A	N	
29/06/2022	MB044 (Point 45)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	21	mg/L	N/A	N	
29/06/2022	MB044 (Point 45)	1	Bicarbonate Alkalinity	Quarterly	21	mg/L	N/A	N	
29/06/2022	MB044 (Point 45)	1	Calcium (II) Ion	Quarterly	2	mg/L	N/A	N	
29/06/2022	MB044 (Point 45)	1	Chloride	Quarterly	74	mg/L	N/A	N	
29/06/2022	MB044 (Point 45)	1	Magnesium (II) Ion	Quarterly	7.3	mg/L	N/A	N	
29/06/2022	MB044 (Point 45)	1	Nitrate as N in water	Quarterly	<0.005	mg/L	N/A	N	
29/06/2022	MB044 (Point 45)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
29/06/2022	MB044 (Point 45)	1	Ammonia as N	Quarterly	0.022	mg/L	N/A	N	
29/06/2022	MB044 (Point 45)	1	pH (field)	Quarterly	5.38	pH units	N/A	N	
29/06/2022	MB044 (Point 45)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
29/06/2022	MB044 (Point 45)	1	Potassium (I) Ion	Quarterly	1	mg/L	N/A	N	
29/06/2022	MB044 (Point 45)	1	Redox (field)	Quarterly	153.1	mV	N/A	N	
29/06/2022	MB044 (Point 45)	1	Sodium (Na)	Quarterly	31	mg/L	N/A	N	
29/06/2022	MB044 (Point 45)	1	Standing Water Level	Quarterly	19.61	mBTOC	N/A	N	
29/06/2022	MB044 (Point 45)	1	Sulphate	Quarterly	7	mg/L	N/A	N	
29/06/2022	MB044 (Point 45)	1	Temperature (field)	Quarterly	22.5	deg c	N/A	N	
29/06/2022	MB044 (Point 45)	1	Total Dissolved Solids	Quarterly	190	mg/L	N/A	N	
29/06/2022	MB044 (Point 45)	1	Total Organic Carbon	Quarterly	<1	mg/L	N/A	N	

Pollutant Monitoring Results - General Pollutant

Environmental Protection Licence
Number:

5065

Licensee Name:

Lucas Heights Resource Recovery Park

Facility Address:

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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
29/06/2022	MB045 (Point 46)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	20	mg/L	N/A	N	
29/06/2022	MB045 (Point 46)	1	Bicarbonate Alkalinity	Quarterly	20	mg/L	N/A	N	
29/06/2022	MB045 (Point 46)	1	Calcium (II) Ion	Quarterly	2	mg/L	N/A	N	
29/06/2022	MB045 (Point 46)	1	Chloride	Quarterly	74	mg/L	N/A	N	
29/06/2022	MB045 (Point 46)	1	Magnesium (II) Ion	Quarterly	8	mg/L	N/A	N	
29/06/2022	MB045 (Point 46)	1	Nitrate as N in water	Quarterly	0.01	mg/L	N/A	N	
29/06/2022	MB045 (Point 46)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
29/06/2022	MB045 (Point 46)	1	Ammonia as N	Quarterly	<0.005	mg/L	N/A	N	
29/06/2022	MB045 (Point 46)	1	pH (field)	Quarterly	5.48	pH units	N/A	N	
29/06/2022	MB045 (Point 46)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
29/06/2022	MB045 (Point 46)	1	Potassium (I) Ion	Quarterly	1	mg/L	N/A	N	
29/06/2022	MB045 (Point 46)	1	Redox (field)	Quarterly	149	mV	N/A	N	
29/06/2022	MB045 (Point 46)	1	Sodium (Na)	Quarterly	32	mg/L	N/A	N	
29/06/2022	MB045 (Point 46)	1	Standing Water Level	Quarterly	16.03	mBTOC	N/A	N	
29/06/2022	MB045 (Point 46)	1	Sulphate	Quarterly	7	mg/L	N/A	N	
29/06/2022	MB045 (Point 46)	1	Temperature (field)	Quarterly	19.3	deg c	N/A	N	
29/06/2022	MB045 (Point 46)	1	Total Dissolved Solids	Quarterly	190	mg/L	N/A	N	
29/06/2022	MB045 (Point 46)	1	Total Organic Carbon	Quarterly	<1	mg/L	N/A	N	
29/06/2022	MB305 (Point 16)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	47	mg/L	N/A	N	
29/06/2022	MB305 (Point 16)	1	Bicarbonate Alkalinity	Quarterly	47	mg/L	N/A	N	
29/06/2022	MB305 (Point 16)	1	Calcium (II) Ion	Quarterly	7.2	mg/L	N/A	N	
29/06/2022	MB305 (Point 16)	1	Chloride	Quarterly	93	mg/L	N/A	N	
29/06/2022	MB305 (Point 16)	1	Magnesium (II) Ion	Quarterly	9.7	mg/L	N/A	N	
29/06/2022	MB305 (Point 16)	1	Nitrate as N in water	Quarterly	<0.005	mg/L	N/A	N	
29/06/2022	MB305 (Point 16)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
15/07/2022	MB305 (Point 16)	1	Ammonia as N	Quarterly	0.007	mg/L	N/A	N	
29/06/2022	MB305 (Point 16)	1	pH (field)	Quarterly	4.82	pH units	N/A	N	
29/06/2022	MB305 (Point 16)	1	Phosphorus	Quarterly	0.1	mg/L	N/A	N	
29/06/2022	MB305 (Point 16)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
29/06/2022	MB305 (Point 16)	1	Redox (field)	Quarterly	158.2	mV	N/A	N	
29/06/2022	MB305 (Point 16)	1	Sodium (Na)	Quarterly	46	mg/L	N/A	N	
29/06/2022	MB305 (Point 16)	1	Standing Water Level	Quarterly	9.87	mBTOC	N/A	N	
29/06/2022	MB305 (Point 16)	1	Sulphate	Quarterly	16	mg/L	N/A	N	
29/06/2022	MB305 (Point 16)	1	Temperature (field)	Quarterly	16.8	deg c	N/A	N	
29/06/2022	MB305 (Point 16)	1	Total Dissolved Solids	Quarterly	340	mg/L	N/A	N	
29/06/2022	MB305 (Point 16)	1	Total Organic Carbon	Quarterly	<1	mg/L	N/A	N	

Pollutant Monitoring Results - General Pollutant

Environmental Protection Licence Number: **5065**

Licensee Name: **Lucas Heights Resource Recovery Park**

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29/06/2022	MB306 (Point 17)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	<5	mg/L	N/A	N	
29/06/2022	MB306 (Point 17)	1	Bicarbonate Alkalinity	Quarterly	<5	mg/L	N/A	N	
29/06/2022	MB306 (Point 17)	1	Calcium (II) Ion	Quarterly	4	mg/L	N/A	N	
29/06/2022	MB306 (Point 17)	1	Chloride	Quarterly	110	mg/L	N/A	N	
29/06/2022	MB306 (Point 17)	1	Magnesium (II) Ion	Quarterly	7.5	mg/L	N/A	N	
29/06/2022	MB306 (Point 17)	1	Nitrate as N in water	Quarterly	0.32	mg/L	N/A	N	
29/06/2022	MB306 (Point 17)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
29/06/2022	MB306 (Point 17)	1	Ammonia as N	Quarterly	0.14	mg/L	N/A	N	
29/06/2022	MB306 (Point 17)	1	pH (field)	Quarterly	4.04	pH units	N/A	N	
29/06/2022	MB306 (Point 17)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
29/06/2022	MB306 (Point 17)	1	Potassium (I) Ion	Quarterly	0.7	mg/L	N/A	N	
29/06/2022	MB306 (Point 17)	1	Redox (field)	Quarterly	321.3	mV	N/A	N	
29/06/2022	MB306 (Point 17)	1	Sodium (Na)	Quarterly	43	mg/L	N/A	N	
29/06/2022	MB306 (Point 17)	1	Standing Water Level	Quarterly	5.92	mBTOC	N/A	N	
29/06/2022	MB306 (Point 17)	1	Sulphate	Quarterly	47	mg/L	N/A	N	
29/06/2022	MB306 (Point 17)	1	Temperature (field)	Quarterly	16.1	deg c	N/A	N	
29/06/2022	MB306 (Point 17)	1	Total Dissolved Solids	Quarterly	270	mg/L	N/A	N	
29/06/2022	MB306 (Point 17)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	
29/06/2022	MB047 (Point 48)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	55	mg/L	N/A	N	
29/06/2022	MB047 (Point 48)	1	Bicarbonate Alkalinity	Quarterly	55	mg/L	N/A	N	
29/06/2022	MB047 (Point 48)	1	Calcium (II) Ion	Quarterly	5	mg/L	N/A	N	
29/06/2022	MB047 (Point 48)	1	Chloride	Quarterly	140	mg/L	N/A	N	
29/06/2022	MB047 (Point 48)	1	Magnesium (II) Ion	Quarterly	14	mg/L	N/A	N	
29/06/2022	MB047 (Point 48)	1	Nitrate as N in water	Quarterly	0.006	mg/L	N/A	N	
29/06/2022	MB047 (Point 48)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
29/06/2022	MB047 (Point 48)	1	Ammonia as N	Quarterly	0.064	mg/L	N/A	N	
29/06/2022	MB047 (Point 48)	1	pH (field)	Quarterly	5.09	pH units	N/A	N	
29/06/2022	MB047 (Point 48)	1	Phosphorus	Quarterly	0.1	mg/L	N/A	N	
29/06/2022	MB047 (Point 48)	1	Potassium (I) Ion	Quarterly	3	mg/L	N/A	N	
29/06/2022	MB047 (Point 48)	1	Redox (field)	Quarterly	169.9	mV	N/A	N	
29/06/2022	MB047 (Point 48)	1	Sodium (Na)	Quarterly	83	mg/L	N/A	N	
29/06/2022	MB047 (Point 48)	1	Standing Water Level	Quarterly	29.33	mBTOC	N/A	N	
29/06/2022	MB047 (Point 48)	1	Sulphate	Quarterly	28	mg/L	N/A	N	
29/06/2022	MB047 (Point 48)	1	Temperature (field)	Quarterly	17	deg c	N/A	N	
29/06/2022	MB047 (Point 48)	1	Total Dissolved Solids	Quarterly	340	mg/L	N/A	N	
29/06/2022	MB047 (Point 48)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	

Pollutant Monitoring Results - General Pollutant

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29/06/2022	MB046 (Point 47)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	54	mg/L	N/A	N	
29/06/2022	MB046 (Point 47)	1	Bicarbonate Alkalinity	Quarterly	54	mg/L	N/A	N	
29/06/2022	MB046 (Point 47)	1	Calcium (II) Ion	Quarterly	13	mg/L	N/A	N	
29/06/2022	MB046 (Point 47)	1	Chloride	Quarterly	380	mg/L	N/A	N	
29/06/2022	MB046 (Point 47)	1	Magnesium (II) Ion	Quarterly	38	mg/L	N/A	N	
29/06/2022	MB046 (Point 47)	1	Nitrate as N in water	Quarterly	0.097	mg/L	N/A	N	
29/06/2022	MB046 (Point 47)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
29/06/2022	MB046 (Point 47)	1	Ammonia as N	Quarterly	0.041	mg/L	N/A	N	
29/06/2022	MB046 (Point 47)	1	pH (field)	Quarterly	4.81	pH units	N/A	N	
29/06/2022	MB046 (Point 47)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
29/06/2022	MB046 (Point 47)	1	Potassium (I) Ion	Quarterly	3	mg/L	N/A	N	
29/06/2022	MB046 (Point 47)	1	Redox (field)	Quarterly	231.5	mV	N/A	N	
29/06/2022	MB046 (Point 47)	1	Sodium (Na)	Quarterly	190	mg/L	N/A	N	
29/06/2022	MB046 (Point 47)	1	Standing Water Level	Quarterly	21.91	mBTOC	N/A	N	
29/06/2022	MB046 (Point 47)	1	Sulphate	Quarterly	41	mg/L	N/A	N	
29/06/2022	MB046 (Point 47)	1	Temperature (field)	Quarterly	16.4	deg c	N/A	N	
29/06/2022	MB046 (Point 47)	1	Total Dissolved Solids	Quarterly	780	mg/L	N/A	N	
29/06/2022	MB046 (Point 47)	1	Total Organic Carbon	Quarterly	<1	mg/L	N/A	N	
29/06/2022	MB048 (Point 49)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	48	mg/L	N/A	N	
29/06/2022	MB048 (Point 49)	1	Bicarbonate Alkalinity	Quarterly	48	mg/L	N/A	N	
29/06/2022	MB048 (Point 49)	1	Calcium (II) Ion	Quarterly	27	mg/L	N/A	N	
29/06/2022	MB048 (Point 49)	1	Chloride	Quarterly	160	mg/L	N/A	N	
29/06/2022	MB048 (Point 49)	1	Magnesium (II) Ion	Quarterly	11	mg/L	N/A	N	
29/06/2022	MB048 (Point 49)	1	Nitrate as N in water	Quarterly	0.4	mg/L	N/A	N	
29/06/2022	MB048 (Point 49)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
29/06/2022	MB048 (Point 49)	1	Ammonia as N	Quarterly	<0.005	mg/L	N/A	N	
29/06/2022	MB048 (Point 49)	1	pH (field)	Quarterly	6.64	pH units	N/A	N	
29/06/2022	MB048 (Point 49)	1	Phosphorus	Quarterly	0.05	mg/L	N/A	N	
29/06/2022	MB048 (Point 49)	1	Potassium (I) Ion	Quarterly	1	mg/L	N/A	N	
29/06/2022	MB048 (Point 49)	1	Redox (field)	Quarterly	11.7	mV	N/A	N	
29/06/2022	MB048 (Point 49)	1	Sodium (Na)	Quarterly	69	mg/L	N/A	N	
29/06/2022	MB048 (Point 49)	1	Standing Water Level	Quarterly	18.23	mBTOC	N/A	N	
29/06/2022	MB048 (Point 49)	1	Sulphate	Quarterly	17	mg/L	N/A	N	
29/06/2022	MB048 (Point 49)	1	Temperature (field)	Quarterly	17.8	deg c	N/A	N	
29/06/2022	MB048 (Point 49)	1	Total Dissolved Solids	Quarterly	410	mg/L	N/A	N	
29/06/2022	MB048 (Point 49)	1	Total Organic Carbon	Quarterly	<1	mg/L	N/A	N	
29/06/2022	MB049 (Point 50)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	190	mg/L	N/A	N	
29/06/2022	MB049 (Point 50)	1	Bicarbonate Alkalinity	Quarterly	190	mg/L	N/A	N	
29/06/2022	MB049 (Point 50)	1	Calcium (II) Ion	Quarterly	100	mg/L	N/A	N	
29/06/2022	MB049 (Point 50)	1	Chloride	Quarterly	150	mg/L	N/A	N	
29/06/2022	MB049 (Point 50)	1	Magnesium (II) Ion	Quarterly	13	mg/L	N/A	N	
29/06/2022	MB049 (Point 50)	1	Nitrate as N in water	Quarterly	0.03	mg/L	N/A	N	

Pollutant Monitoring Results - General Pollutant

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29/06/2022	MB049 (Point 50)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
29/06/2022	MB049 (Point 50)	1	Ammonia as N	Quarterly	0.43	mg/L	N/A	N	
29/06/2022	MB049 (Point 50)	1	pH (field)	Quarterly	7.45	pH units	N/A	N	
29/06/2022	MB049 (Point 50)	1	Phosphorus	Quarterly	0.08	mg/L	N/A	N	
29/06/2022	MB049 (Point 50)	1	Potassium (I) Ion	Quarterly	3	mg/L	N/A	N	
29/06/2022	MB049 (Point 50)	1	Redox (field)	Quarterly	74.2	mV	N/A	N	
29/06/2022	MB049 (Point 50)	1	Sodium (Na)	Quarterly	78	mg/L	N/A	N	
29/06/2022	MB049 (Point 50)	1	Standing Water Level	Quarterly	19.35	mBTOC	N/A	N	
29/06/2022	MB049 (Point 50)	1	Sulphate	Quarterly	34	mg/L	N/A	N	
29/06/2022	MB049 (Point 50)	1	Temperature (field)	Quarterly	17.3	deg c	N/A	N	
29/06/2022	MB049 (Point 50)	1	Total Dissolved Solids	Quarterly	490	mg/L	N/A	N	
29/06/2022	MB049 (Point 50)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	