

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**

A copy of the full licence can be found on the POEO Public Register <http://www.epa.nsw.gov.au/prpoeoapp/>

Disclaimer - Monitoring data contained in this document is made available as required by Section 66(6) of the Protection of the Environment Operations Act 1997 and in accordance with the requirements issued in writing by the Environment Protection Authority. To the best of Cleanaway's knowledge, the data in this table is correct, except where specifically noted. The information and data in this table must not be published elsewhere by any means without prior consent from Cleanaway. For more details on publication of pollution monitoring data refer to the NSW EPA Website www.epa.nsw.gov.au

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
28 Aug 23	03 Aug 23	12 Jul 23	MB008 (Point 4)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	18	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB008 (Point 4)	1	Bicarbonate Alkalinity	Quarterly	18	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB008 (Point 4)	1	Calcium (II) Ion	Quarterly	2	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB008 (Point 4)	1	Chloride	Quarterly	87	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB008 (Point 4)	1	Magnesium (II) Ion	Quarterly	8.6	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB008 (Point 4)	1	Nitrate as N in water	Quarterly	0.02	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB008 (Point 4)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB008 (Point 4)	1	Ammonia as N	Quarterly	0.058	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB008 (Point 4)	1	pH (field)	Quarterly	6.13	pH units	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB008 (Point 4)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB008 (Point 4)	1	Potassium (I) Ion	Quarterly	1	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB008 (Point 4)	1	Redox (field)	Quarterly	94.1	mV	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB008 (Point 4)	1	Sodium (Na)	Quarterly	42	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB008 (Point 4)	1	Standing Water Level	Quarterly	14.51	mBTOC	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB008 (Point 4)	1	Sulphate	Quarterly	8	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB008 (Point 4)	1	Temperature (field)	Quarterly	18.6	deg c	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB008 (Point 4)	1	Total Dissolved Solids	Quarterly	150	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB008 (Point 4)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB023 (Point 44)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	78	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB023 (Point 44)	1	Bicarbonate Alkalinity	Quarterly	78	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB023 (Point 44)	1	Calcium (II) Ion	Quarterly	18	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB023 (Point 44)	1	Chloride	Quarterly	1900	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB023 (Point 44)	1	Magnesium (II) Ion	Quarterly	92	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB023 (Point 44)	1	Nitrate as N in water	Quarterly	0.009	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB023 (Point 44)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB023 (Point 44)	1	Ammonia as N	Quarterly	0.14	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB023 (Point 44)	1	pH (field)	Quarterly	5.67	pH units	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB023 (Point 44)	1	Phosphorus	Quarterly	2.4	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB023 (Point 44)	1	Potassium (I) Ion	Quarterly	23	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB023 (Point 44)	1	Redox (field)	Quarterly	151.9	mV	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB023 (Point 44)	1	Sodium (Na)	Quarterly	1000	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB023 (Point 44)	1	Standing Water Level	Quarterly	27.78	mBTOC	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB023 (Point 44)	1	Sulphate	Quarterly	300	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB023 (Point 44)	1	Temperature (field)	Quarterly	16.9	deg c	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB023 (Point 44)	1	Total Dissolved Solids	Quarterly	2900	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB023 (Point 44)	1	Total Organic Carbon	Quarterly	7	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB032 (Point 7)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	35	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB032 (Point 7)	1	Bicarbonate Alkalinity	Quarterly	35	mg/L	N/A	N	

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**

A copy of the full licence can be found on the POEO Public Register <http://www.epa.nsw.gov.au/prpoeoapp/>

Disclaimer - Monitoring data contained in this document is made available as required by Section 66(6) of the Protection of the Environment Operations Act 1997 and in accordance with the requirements issued in writing by the Environment Protection Authority. To the best of Cleanaway's knowledge, the data in this table is correct, except where specifically noted. The information and data in this table must not be published elsewhere by any means without prior consent from Cleanaway. For more details on publication of pollution monitoring data refer to the NSW EPA Website www.epa.nsw.gov.au

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
28 Aug 23	03 Aug 23	11 Jul 23	MB032 (Point 7)	1	Calcium (II) Ion	Quarterly	6.7	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB032 (Point 7)	1	Chloride	Quarterly	100	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB032 (Point 7)	1	Magnesium (II) Ion	Quarterly	11	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB032 (Point 7)	1	Nitrate as N in water	Quarterly	0.006	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB032 (Point 7)	1	Nitrite as N in water	Quarterly	<-0.005	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB032 (Point 7)	1	Ammonia as N	Quarterly	1.5	mg/L	N/A	N	15 August 2023 retesting = 0.038mg/L. The 11 July 2023 result was believe to be erroneous hence the retesting
28 Aug 23	03 Aug 23	11 Jul 23	MB032 (Point 7)	1	pH (field)	Quarterly	4.41	pH units	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB032 (Point 7)	1	Phosphorus	Quarterly	0.3	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB032 (Point 7)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB032 (Point 7)	1	Redox (field)	Quarterly	194.3	mV	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB032 (Point 7)	1	Sodium (Na)	Quarterly	54	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB032 (Point 7)	1	Standing Water Level	Quarterly	11.38	mBTOC	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB032 (Point 7)	1	Sulphate	Quarterly	18	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB032 (Point 7)	1	Temperature (field)	Quarterly	17.1	deg c	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB032 (Point 7)	1	Total Dissolved Solids	Quarterly	180	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB032 (Point 7)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB033 (Point 18)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	61	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB033 (Point 18)	1	Bicarbonate Alkalinity	Quarterly	61	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB033 (Point 18)	1	Calcium (II) Ion	Quarterly	5	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB033 (Point 18)	1	Chloride	Quarterly	100	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB033 (Point 18)	1	Magnesium (II) Ion	Quarterly	11	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB033 (Point 18)	1	Nitrate as N in water	Quarterly	0.01	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB033 (Point 18)	1	Nitrite as N in water	Quarterly	<-0.005	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB033 (Point 18)	1	Ammonia as N	Quarterly	0.062	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB033 (Point 18)	1	pH (field)	Quarterly	4.64	pH units	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB033 (Point 18)	1	Phosphorus	Quarterly	0.57	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB033 (Point 18)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB033 (Point 18)	1	Redox (field)	Quarterly	75.8	mV	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB033 (Point 18)	1	Sodium (Na)	Quarterly	52	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB033 (Point 18)	1	Standing Water Level	Quarterly	3.86	mBTOC	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB033 (Point 18)	1	Sulphate	Quarterly	12	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB033 (Point 18)	1	Temperature (field)	Quarterly	17	deg c	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB033 (Point 18)	1	Total Dissolved Solids	Quarterly	160	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB033 (Point 18)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB034 (Point 8)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	12	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB034 (Point 8)	1	Bicarbonate Alkalinity	Quarterly	12	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB034 (Point 8)	1	Calcium (II) Ion	Quarterly	2	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB034 (Point 8)	1	Chloride	Quarterly	100	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB034 (Point 8)	1	Magnesium (II) Ion	Quarterly	7.1	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB034 (Point 8)	1	Nitrate as N in water	Quarterly	0.097	mg/L	N/A	N	

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**

A copy of the full licence can be found on the POEO Public Register <http://www.epa.nsw.gov.au/prpoeoapp/>

Disclaimer - Monitoring data contained in this document is made available as required by Section 66(6) of the Protection of the Environment Operations Act 1997 and in accordance with the requirements issued in writing by the Environment Protection Authority. To the best of Cleanaway's knowledge, the data in this table is correct, except where specifically noted. The information and data in this table must not be published elsewhere by any means without prior consent from Cleanaway. For more details on publication of pollution monitoring data refer to the NSW EPA Website www.epa.nsw.gov.au

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
28 Aug 23	03 Aug 23	11 Jul 23	MB034 (Point 8)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB034 (Point 8)	1	Ammonia as N	Quarterly	0.077	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB034 (Point 8)	1	pH (field)	Quarterly	4.18	pH units	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB034 (Point 8)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB034 (Point 8)	1	Potassium (I) Ion	Quarterly	0.9	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB034 (Point 8)	1	Redox (field)	Quarterly	246.2	mV	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB034 (Point 8)	1	Sodium (Na)	Quarterly	51	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB034 (Point 8)	1	Standing Water Level	Quarterly	3.8	mBTOC	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB034 (Point 8)	1	Sulphate	Quarterly	29	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB034 (Point 8)	1	Temperature (field)	Quarterly	17.1	deg c	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB034 (Point 8)	1	Total Dissolved Solids	Quarterly	230	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB034 (Point 8)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB035 (Point 19)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	<5	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB035 (Point 19)	1	Bicarbonate Alkalinity	Quarterly	<5	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB035 (Point 19)	1	Calcium (II) Ion	Quarterly	1	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB035 (Point 19)	1	Chloride	Quarterly	110	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB035 (Point 19)	1	Magnesium (II) Ion	Quarterly	6.3	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB035 (Point 19)	1	Nitrate as N in water	Quarterly	0.007	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB035 (Point 19)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB035 (Point 19)	1	Ammonia as N	Quarterly	0.12	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB035 (Point 19)	1	pH (field)	Quarterly	4.06	pH units	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB035 (Point 19)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB035 (Point 19)	1	Potassium (I) Ion	Quarterly	0.9	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB035 (Point 19)	1	Redox (field)	Quarterly	263.8	mV	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB035 (Point 19)	1	Sodium (Na)	Quarterly	49	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB035 (Point 19)	1	Standing Water Level	Quarterly	2.69	mBTOC	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB035 (Point 19)	1	Sulphate	Quarterly	61	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB035 (Point 19)	1	Temperature (field)	Quarterly	16.6	deg c	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB035 (Point 19)	1	Total Dissolved Solids	Quarterly	240	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB035 (Point 19)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB038 (Point 24)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	<5	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB038 (Point 24)	1	Bicarbonate Alkalinity	Quarterly	<5	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB038 (Point 24)	1	Calcium (II) Ion	Quarterly	1	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB038 (Point 24)	1	Chloride	Quarterly	160	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB038 (Point 24)	1	Magnesium (II) Ion	Quarterly	11	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB038 (Point 24)	1	Nitrate as N in water	Quarterly	<0.005	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB038 (Point 24)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB038 (Point 24)	1	Ammonia as N	Quarterly	0.14	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB038 (Point 24)	1	pH (field)	Quarterly	6.15	pH units	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB038 (Point 24)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	

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**

A copy of the full licence can be found on the POEO Public Register <http://www.epa.nsw.gov.au/prpoeoapp/>

Disclaimer - Monitoring data contained in this document is made available as required by Section 66(6) of the Protection of the Environment Operations Act 1997 and in accordance with the requirements issued in writing by the Environment Protection Authority. To the best of Cleanaway's knowledge, the data in this table is correct, except where specifically noted. The information and data in this table must not be published elsewhere by any means without prior consent from Cleanaway. For more details on publication of pollution monitoring data refer to the NSW EPA Website www.epa.nsw.gov.au

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
28 Aug 23	03 Aug 23	11 Jul 23	MB038 (Point 24)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB038 (Point 24)	1	Redox (field)	Quarterly	-16.6	mV	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB038 (Point 24)	1	Sodium (Na)	Quarterly	73	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB038 (Point 24)	1	Standing Water Level	Quarterly	21.28	mBTOC	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB038 (Point 24)	1	Sulphate	Quarterly	21	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB038 (Point 24)	1	Temperature (field)	Quarterly	17	deg c	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB038 (Point 24)	1	Total Dissolved Solids	Quarterly	290	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB038 (Point 24)	1	Total Organic Carbon	Quarterly	3	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB040 (Point 26)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	14	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB040 (Point 26)	1	Bicarbonate Alkalinity	Quarterly	14	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB040 (Point 26)	1	Calcium (II) Ion	Quarterly	2	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB040 (Point 26)	1	Chloride	Quarterly	99	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB040 (Point 26)	1	Magnesium (II) Ion	Quarterly	6.4	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB040 (Point 26)	1	Nitrate as N in water	Quarterly	0.007	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB040 (Point 26)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB040 (Point 26)	1	Ammonia as N	Quarterly	0.097	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB040 (Point 26)	1	pH (field)	Quarterly	4.6	pH units	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB040 (Point 26)	1	Phosphorus	Quarterly	0.1	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB040 (Point 26)	1	Potassium (I) Ion	Quarterly	1	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB040 (Point 26)	1	Redox (field)	Quarterly	134.6	mV	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB040 (Point 26)	1	Sodium (Na)	Quarterly	52	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB040 (Point 26)	1	Standing Water Level	Quarterly	12.13	mBTOC	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB040 (Point 26)	1	Sulphate	Quarterly	32	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB040 (Point 26)	1	Temperature (field)	Quarterly	17.4	deg c	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB040 (Point 26)	1	Total Dissolved Solids	Quarterly	150	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB040 (Point 26)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB041 (Point 27)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	<5	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB041 (Point 27)	1	Bicarbonate Alkalinity	Quarterly	<5	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB041 (Point 27)	1	Calcium (II) Ion	Quarterly	2	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB041 (Point 27)	1	Chloride	Quarterly	76	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB041 (Point 27)	1	Magnesium (II) Ion	Quarterly	8.6	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB041 (Point 27)	1	Nitrate as N in water	Quarterly	0.01	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB041 (Point 27)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB041 (Point 27)	1	Ammonia as N	Quarterly	0.26	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB041 (Point 27)	1	pH (field)	Quarterly	3.7	pH units	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB041 (Point 27)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB041 (Point 27)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB041 (Point 27)	1	Redox (field)	Quarterly	255	mV	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB041 (Point 27)	1	Sodium (Na)	Quarterly	50	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB041 (Point 27)	1	Standing Water Level	Quarterly	7.66	mBTOC	N/A	N	

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	Disclaimer - Monitoring data contained in this document is made available as required by Section 66(6) of the Protection of the Environment Operations Act 1997 and in accordance with the requirements issued in writing by the Environment Protection Authority. To the best of Cleanaway's knowledge, the data in this table is correct, except where specifically noted. The information and data in this table must not be published elsewhere by any means without prior consent from Cleanaway. For more details on publication of pollution monitoring data refer to the NSW EPA Website www.epa.nsw.gov.au
---	------	-----------------------	--------------------------------------	--------------------------	--	---

A copy of the full licence can be found on the POEO Public Register <http://www.epa.nsw.gov.au/prpoeoapp/>

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
28 Aug 23	03 Aug 23	11 Jul 23	MB041 (Point 27)	1	Sulphate	Quarterly	190	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB041 (Point 27)	1	Temperature (field)	Quarterly	17.5	deg c	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB041 (Point 27)	1	Total Dissolved Solids	Quarterly	260	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB041 (Point 27)	1	Total Organic Carbon	Quarterly	3	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB044 (Point 45)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	22	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB044 (Point 45)	1	Bicarbonate Alkalinity	Quarterly	22	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB044 (Point 45)	1	Calcium (II) Ion	Quarterly	3	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB044 (Point 45)	1	Chloride	Quarterly	84	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB044 (Point 45)	1	Magnesium (II) Ion	Quarterly	8.3	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB044 (Point 45)	1	Nitrate as N in water	Quarterly	0.02	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB044 (Point 45)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB044 (Point 45)	1	Ammonia as N	Quarterly	0.021	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB044 (Point 45)	1	pH (field)	Quarterly	6.4	pH units	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB044 (Point 45)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB044 (Point 45)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB044 (Point 45)	1	Redox (field)	Quarterly	64.7	mV	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB044 (Point 45)	1	Sodium (Na)	Quarterly	42	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB044 (Point 45)	1	Standing Water Level	Quarterly	20.1	mBTOC	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB044 (Point 45)	1	Sulphate	Quarterly	8	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB044 (Point 45)	1	Temperature (field)	Quarterly	20	deg c	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB044 (Point 45)	1	Total Dissolved Solids	Quarterly	180	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB044 (Point 45)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB045 (Point 46)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	22	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB045 (Point 46)	1	Bicarbonate Alkalinity	Quarterly	22	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB045 (Point 46)	1	Calcium (II) Ion	Quarterly	3	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB045 (Point 46)	1	Chloride	Quarterly	84	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB045 (Point 46)	1	Magnesium (II) Ion	Quarterly	8.7	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB045 (Point 46)	1	Nitrate as N in water	Quarterly	0.082	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB045 (Point 46)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB045 (Point 46)	1	Ammonia as N	Quarterly	0.019	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB045 (Point 46)	1	pH (field)	Quarterly	6.22	pH units	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB045 (Point 46)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB045 (Point 46)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB045 (Point 46)	1	Redox (field)	Quarterly	101.2	mV	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB045 (Point 46)	1	Sodium (Na)	Quarterly	41	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB045 (Point 46)	1	Standing Water Level	Quarterly	15	mBTOC	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB045 (Point 46)	1	Sulphate	Quarterly	8	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB045 (Point 46)	1	Temperature (field)	Quarterly	18.7	deg c	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB045 (Point 46)	1	Total Dissolved Solids	Quarterly	140	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB045 (Point 46)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	

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**

A copy of the full licence can be found on the POEO Public Register <http://www.epa.nsw.gov.au/prpoeoapp/>

Disclaimer - Monitoring data contained in this document is made available as required by Section 66(6) of the Protection of the Environment Operations Act 1997 and in accordance with the requirements issued in writing by the Environment Protection Authority. To the best of Cleanaway's knowledge, the data in this table is correct, except where specifically noted. The information and data in this table must not be published elsewhere by any means without prior consent from Cleanaway. For more details on publication of pollution monitoring data refer to the NSW EPA Website www.epa.nsw.gov.au

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
28 Aug 23	03 Aug 23	11 Jul 23	MB305 (Point 16)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	65	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB305 (Point 16)	1	Bicarbonate Alkalinity	Quarterly	65	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB305 (Point 16)	1	Calcium (II) Ion	Quarterly	6.9	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB305 (Point 16)	1	Chloride	Quarterly	100	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB305 (Point 16)	1	Magnesium (II) Ion	Quarterly	9.4	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB305 (Point 16)	1	Nitrate as N in water	Quarterly	0.01	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB305 (Point 16)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB305 (Point 16)	2	Ammonia as N	Quarterly	0.15	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB305 (Point 16)	1	pH (field)	Quarterly	5.34	pH units	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB305 (Point 16)	1	Phosphorus	Quarterly	0.1	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB305 (Point 16)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB305 (Point 16)	1	Redox (field)	Quarterly	21.5	mV	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB305 (Point 16)	1	Sodium (Na)	Quarterly	52	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB305 (Point 16)	1	Standing Water Level	Quarterly	8.98	mBTOC	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB305 (Point 16)	1	Sulphate	Quarterly	19	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB305 (Point 16)	1	Temperature (field)	Quarterly	17.3	deg c	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB305 (Point 16)	1	Total Dissolved Solids	Quarterly	240	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB305 (Point 16)	1	Total Organic Carbon	Quarterly	<1	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB306 (Point 17)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	6	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB306 (Point 17)	1	Bicarbonate Alkalinity	Quarterly	6	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB306 (Point 17)	1	Calcium (II) Ion	Quarterly	3	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB306 (Point 17)	1	Chloride	Quarterly	120	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB306 (Point 17)	1	Magnesium (II) Ion	Quarterly	7.2	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB306 (Point 17)	1	Nitrate as N in water	Quarterly	0.17	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB306 (Point 17)	1	Nitrite as N in water	Quarterly	0.006	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB306 (Point 17)	1	Ammonia as N	Quarterly	0.022	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB306 (Point 17)	1	pH (field)	Quarterly	4.16	pH units	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB306 (Point 17)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB306 (Point 17)	1	Potassium (I) Ion	Quarterly	0.6	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB306 (Point 17)	1	Redox (field)	Quarterly	232.6	mV	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB306 (Point 17)	1	Sodium (Na)	Quarterly	56	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB306 (Point 17)	1	Standing Water Level	Quarterly	5.77	mBTOC	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB306 (Point 17)	1	Sulphate	Quarterly	51	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB306 (Point 17)	1	Temperature (field)	Quarterly	17.1	deg c	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB306 (Point 17)	1	Total Dissolved Solids	Quarterly	210	mg/L	N/A	N	
28 Aug 23	03 Aug 23	11 Jul 23	MB306 (Point 17)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB047 (Point 48)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	54	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB047 (Point 48)	1	Bicarbonate Alkalinity	Quarterly	54	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB047 (Point 48)	1	Calcium (II) Ion	Quarterly	5	mg/L	N/A	N	

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**

A copy of the full licence can be found on the POEO Public Register <http://www.epa.nsw.gov.au/prpoeoapp/>

Disclaimer - Monitoring data contained in this document is made available as required by Section 66(6) of the Protection of the Environment Operations Act 1997 and in accordance with the requirements issued in writing by the Environment Protection Authority. To the best of Cleanaway's knowledge, the data in this table is correct, except where specifically noted. The information and data in this table must not be published elsewhere by any means without prior consent from Cleanaway. For more details on publication of pollution monitoring data refer to the NSW EPA Website www.epa.nsw.gov.au

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
28 Aug 23	03 Aug 23	12 Jul 23	MB047 (Point 48)	1	Chloride	Quarterly	180	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB047 (Point 48)	1	Magnesium (II) Ion	Quarterly	15	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB047 (Point 48)	1	Nitrate as N in water	Quarterly	0.01	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB047 (Point 48)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB047 (Point 48)	1	Ammonia as N	Quarterly	0.6	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB047 (Point 48)	1	pH (field)	Quarterly	5.45	pH units	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB047 (Point 48)	1	Phosphorus	Quarterly	0.1	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB047 (Point 48)	1	Potassium (I) Ion	Quarterly	4	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB047 (Point 48)	1	Redox (field)	Quarterly	85.1	mV	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB047 (Point 48)	1	Sodium (Na)	Quarterly	96	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB047 (Point 48)	1	Standing Water Level	Quarterly	30.21	mBTOC	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB047 (Point 48)	1	Sulphate	Quarterly	30	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB047 (Point 48)	1	Temperature (field)	Quarterly	14.5	deg c	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB047 (Point 48)	1	Total Dissolved Solids	Quarterly	460	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB047 (Point 48)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB046 (Point 47)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	70	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB046 (Point 47)	1	Bicarbonate Alkalinity	Quarterly	70	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB046 (Point 47)	1	Calcium (II) Ion	Quarterly	13	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB046 (Point 47)	1	Chloride	Quarterly	430	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB046 (Point 47)	1	Magnesium (II) Ion	Quarterly	39	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB046 (Point 47)	1	Nitrate as N in water	Quarterly	0.03	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB046 (Point 47)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB046 (Point 47)	1	Ammonia as N	Quarterly	0.016	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB046 (Point 47)	1	pH (field)	Quarterly	5.02	pH units	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB046 (Point 47)	1	Phosphorus	Quarterly	<0.005	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB046 (Point 47)	1	Potassium (I) Ion	Quarterly	3	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB046 (Point 47)	1	Redox (field)	Quarterly	148.3	mV	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB046 (Point 47)	1	Sodium (Na)	Quarterly	200	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB046 (Point 47)	1	Standing Water Level	Quarterly	21.71	mBTOC	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB046 (Point 47)	1	Sulphate	Quarterly	40	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB046 (Point 47)	1	Temperature (field)	Quarterly	16.5	deg c	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB046 (Point 47)	1	Total Dissolved Solids	Quarterly	970	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB046 (Point 47)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB048 (Point 49)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	19	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB048 (Point 49)	1	Bicarbonate Alkalinity	Quarterly	19	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB048 (Point 49)	1	Calcium (II) Ion	Quarterly	13	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB048 (Point 49)	1	Chloride	Quarterly	160	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB048 (Point 49)	1	Magnesium (II) Ion	Quarterly	9.5	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB048 (Point 49)	1	Nitrate as N in water	Quarterly	0.008	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB048 (Point 49)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB048 (Point 49)	1	Ammonia as N	Quarterly	0.01	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB048 (Point 49)	1	pH (field)	Quarterly	6.33	pH units	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB048 (Point 49)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	

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	<i>Disclaimer - Monitoring data contained in this document is made available as required by Section 66(6) of the Protection of the Environment Operations Act 1997 and in accordance with the requirements issued in writing by the Environment Protection Authority. To the best of Cleanaway's knowledge, the data in this table is correct, except where specifically noted. The information and data in this table must not be published elsewhere by any means without prior consent from Cleanaway. For more details on publication of pollution monitoring data refer to the NSW EPA Website www.epa.nsw.gov.au</i>
---	------	-----------------------	--------------------------------------	--------------------------	--	--

A copy of the full licence can be found on the POEO Public Register <http://www.epa.nsw.gov.au/prpoeoapp/>

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
28 Aug 23	03 Aug 23	12 Jul 23	MB048 (Point 49)	1	Potassium (I) Ion	Quarterly	1	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB048 (Point 49)	1	Redox (field)	Quarterly	85.5	mV	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB048 (Point 49)	1	Sodium (Na)	Quarterly	76	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB048 (Point 49)	1	Standing Water Level	Quarterly	19.23	mBTOC	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB048 (Point 49)	1	Sulphate	Quarterly	15	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB048 (Point 49)	1	Temperature (field)	Quarterly	18.3	deg c	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB048 (Point 49)	1	Total Dissolved Solids	Quarterly	280	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB048 (Point 49)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB049 (Point 50)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	230	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB049 (Point 50)	1	Bicarbonate Alkalinity	Quarterly	230	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB049 (Point 50)	1	Calcium (II) Ion	Quarterly	49	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB049 (Point 50)	1	Chloride	Quarterly	160	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB049 (Point 50)	1	Magnesium (II) Ion	Quarterly	13	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB049 (Point 50)	1	Nitrate as N in water	Quarterly	0.02	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB049 (Point 50)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB049 (Point 50)	1	Ammonia as N	Quarterly	0.053	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB049 (Point 50)	1	pH (field)	Quarterly	7.42	pH units	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB049 (Point 50)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB049 (Point 50)	1	Potassium (I) Ion	Quarterly	4	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB049 (Point 50)	1	Redox (field)	Quarterly	147.2	mV	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB049 (Point 50)	1	Sodium (Na)	Quarterly	140	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB049 (Point 50)	1	Standing Water Level	Quarterly	21.61	mBTOC	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB049 (Point 50)	1	Sulphate	Quarterly	52	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB049 (Point 50)	1	Temperature (field)	Quarterly	17.2	deg c	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB049 (Point 50)	1	Total Dissolved Solids	Quarterly	510	mg/L	N/A	N	
28 Aug 23	03 Aug 23	12 Jul 23	MB049 (Point 50)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	