

Pollutant Monitoring Results - General Pollutant

Environment Protection Licence Number: 5065

Licensee Name: Lucas Heights Resource Recovery Park

Facility Address: New Illawarra Rd Lucas Heights, NSW 2234

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Period - October - December 2022

| 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 |
|-------------------------------|-------------------------------|----------------|-------------------------------|---|--|--|--------------|----------|--------------------------------|------------------------|----------|
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB008 (Point 4) | 1 | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly | 6 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB008 (Point 4) | 1 | Bicarbonate Alkalinity | Quarterly | 6 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB008 (Point 4) | 1 | Calcium (II) Ion | Quarterly | 2 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB008 (Point 4) | 1 | Chloride | Quarterly | 100 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB008 (Point 4) | 1 | Magnesium (II) Ion | Quarterly | 7.5 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB008 (Point 4) | 1 | Nitrate as N in water | Quarterly | <0.005 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB008 (Point 4) | 1 | Nitrite as N in water | Quarterly | <0.005 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB008 (Point 4) | 1 | Ammonia as N | Quarterly | 0.17 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB008 (Point 4) | 1 | pH (field) | Quarterly | 4.49 | pH units | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB008 (Point 4) | 1 | Phosphorus | Quarterly | <0.05 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB008 (Point 4) | 1 | Potassium (I) Ion | Quarterly | 1 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB008 (Point 4) | 1 | Redox (field) | Quarterly | 155.9 | mV | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB008 (Point 4) | 1 | Sodium (Na) | Quarterly | 36 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB008 (Point 4) | 1 | Standing Water Level | Quarterly | 15.1 | mBTOC | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB008 (Point 4) | 1 | Sulphate | Quarterly | 9 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB008 (Point 4) | 1 | Temperature (field) | Quarterly | 21.7 | deg c | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB008 (Point 4) | 1 | Total Dissolved Solids | Quarterly | 180 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB008 (Point 4) | 1 | Total Organic Carbon | Quarterly | 3 | mg/L | N/A | N | |
| | | | | | | | | | | | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB023 (Point 44) | 1 | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly | 64 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB023 (Point 44) | 1 | Bicarbonate Alkalinity | Quarterly | 64 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB023 (Point 44) | 1 | Calcium (II) Ion | Quarterly | 12 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB023 (Point 44) | 1 | Chloride | Quarterly | 2200 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB023 (Point 44) | 1 | Magnesium (II) Ion | Quarterly | 110 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB023 (Point 44) | 1 | Nitrate as N in water | Quarterly | <0.005 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB023 (Point 44) | 1 | Nitrite as N in water | Quarterly | <0.005 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB023 (Point 44) | 1 | Ammonia as N | Quarterly | 0.12 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB023 (Point 44) | 1 | pH (field) | Quarterly | 5.11 | pH units | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB023 (Point 44) | 1 | Phosphorus | Quarterly | 2.8 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB023 (Point 44) | 1 | Potassium (I) Ion | Quarterly | 25 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB023 (Point 44) | 1 | Redox (field) | Quarterly | 159.5 | mV | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB023 (Point 44) | 1 | Sodium (Na) | Quarterly | 880 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB023 (Point 44) | 1 | Standing Water Level | Quarterly | 6.09 | mBTOC | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB023 (Point 44) | 1 | Sulphate | Quarterly | 270 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB023 (Point 44) | 1 | Temperature (field) | Quarterly | 17.6 | deg c | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB023 (Point 44) | 1 | Total Dissolved Solids | Quarterly | 4200 | mg/L | N/A | N | |

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| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB023 (Point 44) | 1 | Total Organic Carbon | Quarterly | 60 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB032 (Point 7) | 1 | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly | 35 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB032 (Point 7) | 1 | Bicarbonate Alkalinity | Quarterly | 35 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB032 (Point 7) | 1 | Calcium (II) Ion | Quarterly | 5.3 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB032 (Point 7) | 1 | Chloride | Quarterly | 99 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB032 (Point 7) | 1 | Magnesium (II) Ion | Quarterly | 9.9 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB032 (Point 7) | 1 | Nitrate as N in water | Quarterly | 0.1 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB032 (Point 7) | 1 | Nitrite as N in water | Quarterly | <0.005 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB032 (Point 7) | 1 | Ammonia as N | Quarterly | 0.058 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB032 (Point 7) | 1 | pH (field) | Quarterly | 5.16 | pH units | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB032 (Point 7) | 1 | Phosphorus | Quarterly | 0.5 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB032 (Point 7) | 1 | Potassium (I) Ion | Quarterly | 2 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB032 (Point 7) | 1 | Redox (field) | Quarterly | 41 | mV | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB032 (Point 7) | 1 | Sodium (Na) | Quarterly | 39 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB032 (Point 7) | 1 | Standing Water Level | Quarterly | 10.95 | mBTOC | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB032 (Point 7) | 1 | Sulphate | Quarterly | 12 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB032 (Point 7) | 1 | Temperature (field) | Quarterly | 18.4 | deg c | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB032 (Point 7) | 1 | Total Dissolved Solids | Quarterly | 220 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB032 (Point 7) | 1 | Total Organic Carbon | Quarterly | <1 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB033 (Point 18) | 1 | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly | 55 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB033 (Point 18) | 1 | Bicarbonate Alkalinity | Quarterly | 55 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB033 (Point 18) | 1 | Calcium (II) Ion | Quarterly | 4 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB033 (Point 18) | 1 | Chloride | Quarterly | 96 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB033 (Point 18) | 1 | Magnesium (II) Ion | Quarterly | 9.3 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB033 (Point 18) | 1 | Nitrate as N in water | Quarterly | <0.005 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB033 (Point 18) | 1 | Nitrite as N in water | Quarterly | <0.005 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB033 (Point 18) | 1 | Ammonia as N | Quarterly | 0.13 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB033 (Point 18) | 1 | pH (field) | Quarterly | 5.4 | pH units | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB033 (Point 18) | 1 | Phosphorus | Quarterly | 0.3 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB033 (Point 18) | 1 | Potassium (I) Ion | Quarterly | 2 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB033 (Point 18) | 1 | Redox (field) | Quarterly | 15.2 | mV | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB033 (Point 18) | 1 | Sodium (Na) | Quarterly | 39 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB033 (Point 18) | 1 | Standing Water Level | Quarterly | 4.65 | mBTOC | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB033 (Point 18) | 1 | Sulphate | Quarterly | 20 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB033 (Point 18) | 1 | Temperature (field) | Quarterly | 17.6 | deg c | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB033 (Point 18) | 1 | Total Dissolved Solids | Quarterly | 220 | mg/L | N/A | N | |

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| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB033 (Point 18) | 1 | Total Organic Carbon | Quarterly | <1 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB034 (Point 8) | 1 | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly | 17 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB034 (Point 8) | 1 | Bicarbonate Alkalinity | Quarterly | 17 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB034 (Point 8) | 1 | Calcium (II) Ion | Quarterly | 1 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB034 (Point 8) | 1 | Chloride | Quarterly | 99 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB034 (Point 8) | 1 | Magnesium (II) Ion | Quarterly | 6.4 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB034 (Point 8) | 1 | Nitrate as N in water | Quarterly | 0.02 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB034 (Point 8) | 1 | Nitrite as N in water | Quarterly | <0.005 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB034 (Point 8) | 1 | Ammonia as N | Quarterly | 0.065 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB034 (Point 8) | 1 | pH (field) | Quarterly | 4.56 | pH units | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB034 (Point 8) | 1 | Phosphorus | Quarterly | <0.05 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB034 (Point 8) | 1 | Potassium (I) Ion | Quarterly | 0.8 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB034 (Point 8) | 1 | Redox (field) | Quarterly | 176.9 | mV | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB034 (Point 8) | 1 | Sodium (Na) | Quarterly | 38 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB034 (Point 8) | 1 | Standing Water Level | Quarterly | 3.36 | mBTOC | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB034 (Point 8) | 1 | Sulphate | Quarterly | 14 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB034 (Point 8) | 1 | Temperature (field) | Quarterly | 17 | deg c | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB034 (Point 8) | 1 | Total Dissolved Solids | Quarterly | 200 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB034 (Point 8) | 1 | Total Organic Carbon | Quarterly | <1 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB035 (Point 19) | 1 | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly | <5 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB035 (Point 19) | 1 | Bicarbonate Alkalinity | Quarterly | <5 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB035 (Point 19) | 1 | Calcium (II) Ion | Quarterly | 1 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB035 (Point 19) | 1 | Chloride | Quarterly | 96 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB035 (Point 19) | 1 | Magnesium (II) Ion | Quarterly | 5.8 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB035 (Point 19) | 1 | Nitrate as N in water | Quarterly | 0.008 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB035 (Point 19) | 1 | Nitrite as N in water | Quarterly | <0.005 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB035 (Point 19) | 1 | Ammonia as N | Quarterly | 0.048 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB035 (Point 19) | 1 | pH (field) | Quarterly | 3.86 | pH units | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB035 (Point 19) | 1 | Phosphorus | Quarterly | <0.05 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB035 (Point 19) | 1 | Potassium (I) Ion | Quarterly | 0.9 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB035 (Point 19) | 1 | Redox (field) | Quarterly | 257 | mV | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB035 (Point 19) | 1 | Sodium (Na) | Quarterly | 37 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB035 (Point 19) | 1 | Standing Water Level | Quarterly | 2.72 | mBTOC | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB035 (Point 19) | 1 | Sulphate | Quarterly | 17 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB035 (Point 19) | 1 | Temperature (field) | Quarterly | 16.7 | deg c | N/A | N | |

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| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB035 (Point 19) | 1 | Total Dissolved Solids | Quarterly | 200 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB035 (Point 19) | 1 | Total Organic Carbon | Quarterly | <1 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB038 (Point 24) | 1 | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly | 7 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB038 (Point 24) | 1 | Bicarbonate Alkalinity | Quarterly | 7 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB038 (Point 24) | 1 | Calcium (II) Ion | Quarterly | 0.9 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB038 (Point 24) | 1 | Chloride | Quarterly | 160 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB038 (Point 24) | 1 | Magnesium (II) Ion | Quarterly | 9.6 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB038 (Point 24) | 1 | Nitrate as N in water | Quarterly | 0.008 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB038 (Point 24) | 1 | Nitrite as N in water | Quarterly | <0.005 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB038 (Point 24) | 1 | Ammonia as N | Quarterly | 0.022 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB038 (Point 24) | 1 | pH (field) | Quarterly | 5.46 | pH units | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB038 (Point 24) | 1 | Phosphorus | Quarterly | <0.05 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB038 (Point 24) | 1 | Potassium (I) Ion | Quarterly | 1 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB038 (Point 24) | 1 | Redox (field) | Quarterly | 40 | mV | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB038 (Point 24) | 1 | Sodium (Na) | Quarterly | 73 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB038 (Point 24) | 1 | Standing Water Level | Quarterly | 19.84 | mBTOC | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB038 (Point 24) | 1 | Sulphate | Quarterly | 16 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB038 (Point 24) | 1 | Temperature (field) | Quarterly | 18.5 | deg c | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB038 (Point 24) | 1 | Total Dissolved Solids | Quarterly | 290 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB038 (Point 24) | 1 | Total Organic Carbon | Quarterly | 2 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB040 (Point 26) | 1 | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly | 22 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB040 (Point 26) | 1 | Bicarbonate Alkalinity | Quarterly | 22 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB040 (Point 26) | 1 | Calcium (II) Ion | Quarterly | 2 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB040 (Point 26) | 1 | Chloride | Quarterly | 94 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB040 (Point 26) | 1 | Magnesium (II) Ion | Quarterly | 6.4 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB040 (Point 26) | 1 | Nitrate as N in water | Quarterly | <0.005 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB040 (Point 26) | 1 | Nitrite as N in water | Quarterly | <0.005 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB040 (Point 26) | 1 | Ammonia as N | Quarterly | 0.042 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB040 (Point 26) | 1 | pH (field) | Quarterly | 4.25 | pH units | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB040 (Point 26) | 1 | Phosphorus | Quarterly | 0.4 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB040 (Point 26) | 1 | Potassium (I) Ion | Quarterly | 3 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB040 (Point 26) | 1 | Redox (field) | Quarterly | 166.4 | mV | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB040 (Point 26) | 1 | Sodium (Na) | Quarterly | 38 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB040 (Point 26) | 1 | Standing Water Level | Quarterly | 10.88 | mBTOC | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB040 (Point 26) | 1 | Sulphate | Quarterly | 20 | mg/L | N/A | N | |

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|-------------------------------|-------------------------------|----------------|-------------------------------|---|--|--|--------------|----------|--------------------------------|------------------------|----------|
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB040 (Point 26) | 1 | Temperature (field) | Quarterly | 17.9 | deg c | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB040 (Point 26) | 1 | Total Dissolved Solids | Quarterly | 200 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB040 (Point 26) | 1 | Total Organic Carbon | Quarterly | 9 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB041 (Point 27) | 1 | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly | <5 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB041 (Point 27) | 1 | Bicarbonate Alkalinity | Quarterly | <5 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB041 (Point 27) | 1 | Calcium (II) Ion | Quarterly | 2 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB041 (Point 27) | 1 | Chloride | Quarterly | 82 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB041 (Point 27) | 1 | Magnesium (II) Ion | Quarterly | 9.5 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB041 (Point 27) | 1 | Nitrate as N in water | Quarterly | 0.42 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB041 (Point 27) | 1 | Nitrite as N in water | Quarterly | <0.005 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB041 (Point 27) | 1 | Ammonia as N | Quarterly | 0.19 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB041 (Point 27) | 1 | pH (field) | Quarterly | 3.28 | pH units | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB041 (Point 27) | 1 | Phosphorus | Quarterly | <0.05 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB041 (Point 27) | 1 | Potassium (I) Ion | Quarterly | 2 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB041 (Point 27) | 1 | Redox (field) | Quarterly | 290.5 | mV | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB041 (Point 27) | 1 | Sodium (Na) | Quarterly | 46 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB041 (Point 27) | 1 | Standing Water Level | Quarterly | 6.47 | mBTC | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB041 (Point 27) | 1 | Sulphate | Quarterly | 150 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB041 (Point 27) | 1 | Temperature (field) | Quarterly | 17.3 | deg c | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB041 (Point 27) | 1 | Total Dissolved Solids | Quarterly | 310 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB041 (Point 27) | 1 | Total Organic Carbon | Quarterly | 3 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB044 (Point 45) | 1 | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly | 21 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB044 (Point 45) | 1 | Bicarbonate Alkalinity | Quarterly | 21 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB044 (Point 45) | 1 | Calcium (II) Ion | Quarterly | 2 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB044 (Point 45) | 1 | Chloride | Quarterly | 79 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB044 (Point 45) | 1 | Magnesium (II) Ion | Quarterly | 7.4 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB044 (Point 45) | 1 | Nitrate as N in water | Quarterly | <0.005 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB044 (Point 45) | 1 | Nitrite as N in water | Quarterly | <0.005 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB044 (Point 45) | 1 | Ammonia as N | Quarterly | 0.1 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB044 (Point 45) | 1 | pH (field) | Quarterly | 4.87 | pH units | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB044 (Point 45) | 1 | Phosphorus | Quarterly | <0.05 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB044 (Point 45) | 1 | Potassium (I) Ion | Quarterly | 1 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB044 (Point 45) | 1 | Redox (field) | Quarterly | 163.3 | mV | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB044 (Point 45) | 1 | Sodium (Na) | Quarterly | 31 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB044 (Point 45) | 1 | Standing Water Level | Quarterly | 20.22 | mBTC | N/A | N | |

Pollutant Monitoring Results - General Pollutant

Environment Protection Licence Number: 5065

Licensee Name: Lucas Heights Resource Recovery Park

Facility Address: New Illawarra Rd Lucas Heights, NSW 2234

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Period - October - December 2022

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|-------------------------------|-------------------------------|----------------|-------------------------------|---|--|--|--------------|----------|--------------------------------|------------------------|----------|
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB044 (Point 45) | 1 | Sulphate | Quarterly | 10 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB044 (Point 45) | 1 | Temperature (field) | Quarterly | 18.9 | deg c | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB044 (Point 45) | 1 | Total Dissolved Solids | Quarterly | 160 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB044 (Point 45) | 1 | Total Organic Carbon | Quarterly | <1 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB045 (Point 46) | 1 | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly | 20 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB045 (Point 46) | 1 | Bicarbonate Alkalinity | Quarterly | 20 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB045 (Point 46) | 1 | Calcium (II) Ion | Quarterly | 2 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB045 (Point 46) | 1 | Chloride | Quarterly | 81 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB045 (Point 46) | 1 | Magnesium (II) Ion | Quarterly | 8.4 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB045 (Point 46) | 1 | Nitrate as N in water | Quarterly | 0.006 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB045 (Point 46) | 1 | Nitrite as N in water | Quarterly | <0.005 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB045 (Point 46) | 1 | Ammonia as N | Quarterly | 0.028 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB045 (Point 46) | 1 | pH (field) | Quarterly | 4.88 | pH units | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB045 (Point 46) | 1 | Phosphorus | Quarterly | <0.05 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB045 (Point 46) | 1 | Potassium (I) Ion | Quarterly | 2 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB045 (Point 46) | 1 | Redox (field) | Quarterly | 192.8 | mV | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB045 (Point 46) | 1 | Sodium (Na) | Quarterly | 31 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB045 (Point 46) | 1 | Standing Water Level | Quarterly | 15.11 | mBTC | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB045 (Point 46) | 1 | Sulphate | Quarterly | 9 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB045 (Point 46) | 1 | Temperature (field) | Quarterly | 18.3 | deg c | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB045 (Point 46) | 1 | Total Dissolved Solids | Quarterly | 180 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB045 (Point 46) | 1 | Total Organic Carbon | Quarterly | <1 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB305 (Point 16) | 1 | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly | 28 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB305 (Point 16) | 1 | Bicarbonate Alkalinity | Quarterly | 28 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB305 (Point 16) | 1 | Calcium (II) Ion | Quarterly | 5.9 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB305 (Point 16) | 1 | Chloride | Quarterly | 98 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB305 (Point 16) | 1 | Magnesium (II) Ion | Quarterly | 8.3 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB305 (Point 16) | 1 | Nitrate as N in water | Quarterly | 0.01 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB305 (Point 16) | 1 | Nitrite as N in water | Quarterly | <0.005 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB305 (Point 16) | 2 | Ammonia as N | Quarterly | 0.19 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB305 (Point 16) | 1 | pH (field) | Quarterly | 5.15 | pH units | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB305 (Point 16) | 1 | Phosphorus | Quarterly | 0.06 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB305 (Point 16) | 1 | Potassium (I) Ion | Quarterly | 2 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB305 (Point 16) | 1 | Redox (field) | Quarterly | 68.7 | mV | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB305 (Point 16) | 1 | Sodium (Na) | Quarterly | 40 | mg/L | N/A | N | |

Pollutant Monitoring Results - General Pollutant

Environment Protection Licence Number: 5065

Licensee Name: Lucas Heights Resource Recovery Park

Facility Address: New Illawarra Rd Lucas Heights, NSW 2234

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Period - October - December 2022

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|-------------------------------|-------------------------------|----------------|-------------------------------|---|--|--|--------------|----------|--------------------------------|------------------------|----------|
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB305 (Point 16) | 1 | Standing Water Level | Quarterly | 9.98 | mBTOC | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB305 (Point 16) | 1 | Sulphate | Quarterly | 13 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB305 (Point 16) | 1 | Temperature (field) | Quarterly | 17.4 | deg c | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB305 (Point 16) | 1 | Total Dissolved Solids | Quarterly | 210 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB305 (Point 16) | 1 | Total Organic Carbon | Quarterly | <1 | mg/L | N/A | N | |
| | | | | | | | | | | | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB306 (Point 17) | 1 | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly | <5 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB306 (Point 17) | 1 | Bicarbonate Alkalinity | Quarterly | <5 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB306 (Point 17) | 1 | Calcium (II) Ion | Quarterly | 3 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB306 (Point 17) | 1 | Chloride | Quarterly | 110 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB306 (Point 17) | 1 | Magnesium (II) Ion | Quarterly | 6.9 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB306 (Point 17) | 1 | Nitrate as N in water | Quarterly | 0.2 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB306 (Point 17) | 1 | Nitrite as N in water | Quarterly | <0.005 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB306 (Point 17) | 1 | Ammonia as N | Quarterly | 0.11 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB306 (Point 17) | 1 | pH (field) | Quarterly | 3.46 | pH units | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB306 (Point 17) | 1 | Phosphorus | Quarterly | <0.05 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB306 (Point 17) | 1 | Potassium (I) Ion | Quarterly | 0.6 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB306 (Point 17) | 1 | Redox (field) | Quarterly | 275.2 | mV | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB306 (Point 17) | 1 | Sodium (Na) | Quarterly | 48 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB306 (Point 17) | 1 | Standing Water Level | Quarterly | 5.58 | mBTOC | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB306 (Point 17) | 1 | Sulphate | Quarterly | 22 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB306 (Point 17) | 1 | Temperature (field) | Quarterly | 17 | deg c | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB306 (Point 17) | 1 | Total Dissolved Solids | Quarterly | 220 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB306 (Point 17) | 1 | Total Organic Carbon | Quarterly | <1 | mg/L | N/A | N | |
| | | | | | | | | | | | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB047 (Point 48) | 1 | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly | 48 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB047 (Point 48) | 1 | Bicarbonate Alkalinity | Quarterly | 48 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB047 (Point 48) | 1 | Calcium (II) Ion | Quarterly | 4 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB047 (Point 48) | 1 | Chloride | Quarterly | 150 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB047 (Point 48) | 1 | Magnesium (II) Ion | Quarterly | 12 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB047 (Point 48) | 1 | Nitrate as N in water | Quarterly | 0.46 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB047 (Point 48) | 1 | Nitrite as N in water | Quarterly | <0.005 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB047 (Point 48) | 1 | Ammonia as N | Quarterly | 0.078 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB047 (Point 48) | 1 | pH (field) | Quarterly | 4.44 | pH units | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB047 (Point 48) | 1 | Phosphorus | Quarterly | 0.06 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB047 (Point 48) | 1 | Potassium (I) Ion | Quarterly | 4 | mg/L | N/A | N | |

Pollutant Monitoring Results - General Pollutant

Environment Protection Licence Number: 5065

Licensee Name: Lucas Heights Resource Recovery Park

Facility Address: New Illawarra Rd Lucas Heights, NSW 2234

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|-------------------------------|-------------------------------|----------------|-------------------------------|---|--|--|--------------|----------|--------------------------------|------------------------|----------|
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB047 (Point 48) | 1 | Redox (field) | Quarterly | 193.9 | mV | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB047 (Point 48) | 1 | Sodium (Na) | Quarterly | 93 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB047 (Point 48) | 1 | Standing Water Level | Quarterly | 29.28 | mBTC | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB047 (Point 48) | 1 | Sulphate | Quarterly | 28 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB047 (Point 48) | 1 | Temperature (field) | Quarterly | 19.9 | deg c | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB047 (Point 48) | 1 | Total Dissolved Solids | Quarterly | 350 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB047 (Point 48) | 1 | Total Organic Carbon | Quarterly | 2 | mg/L | N/A | N | |
| | | | | | | | | | | | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB046 (Point 47) | 1 | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly | 40 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB046 (Point 47) | 1 | Bicarbonate Alkalinity | Quarterly | 40 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB046 (Point 47) | 1 | Calcium (II) Ion | Quarterly | 6.5 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB046 (Point 47) | 1 | Chloride | Quarterly | 410 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB046 (Point 47) | 1 | Magnesium (II) Ion | Quarterly | 33 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB046 (Point 47) | 1 | Nitrate as N in water | Quarterly | 0.006 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB046 (Point 47) | 1 | Nitrite as N in water | Quarterly | <0.005 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB046 (Point 47) | 1 | Ammonia as N | Quarterly | 0.036 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB046 (Point 47) | 1 | pH (field) | Quarterly | 4.48 | pH units | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB046 (Point 47) | 1 | Phosphorus | Quarterly | <0.05 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB046 (Point 47) | 1 | Potassium (I) Ion | Quarterly | 3.0 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB046 (Point 47) | 1 | Redox (field) | Quarterly | 198.9 | mV | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB046 (Point 47) | 1 | Sodium (Na) | Quarterly | 200.00 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB046 (Point 47) | 1 | Standing Water Level | Quarterly | 21.54 | mBTC | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB046 (Point 47) | 1 | Sulphate | Quarterly | 61 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB046 (Point 47) | 1 | Temperature (field) | Quarterly | 18.9 | deg c | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB046 (Point 47) | 1 | Total Dissolved Solids | Quarterly | 840 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 21 Dec 22 | MB046 (Point 47) | 1 | Total Organic Carbon | Quarterly | <1 | mg/L | N/A | N | |
| | | | | | | | | | | | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB048 (Point 49) | 1 | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly | 30 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB048 (Point 49) | 1 | Bicarbonate Alkalinity | Quarterly | 30 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB048 (Point 49) | 1 | Calcium (II) Ion | Quarterly | 20 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB048 (Point 49) | 1 | Chloride | Quarterly | 190 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB048 (Point 49) | 1 | Magnesium (II) Ion | Quarterly | 10 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB048 (Point 49) | 1 | Nitrate as N in water | Quarterly | <0.005 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB048 (Point 49) | 1 | Nitrite as N in water | Quarterly | <0.005 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB048 (Point 49) | 1 | Ammonia as N | Quarterly | 0.032 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB048 (Point 49) | 1 | pH (field) | Quarterly | 5.4 | pH units | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB048 (Point 49) | 1 | Phosphorus | Quarterly | <0.05 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB048 (Point 49) | 1 | Potassium (I) Ion | Quarterly | 1 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB048 (Point 49) | 1 | Redox (field) | Quarterly | 137.2 | mV | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB048 (Point 49) | 1 | Sodium (Na) | Quarterly | 89 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB048 (Point 49) | 1 | Standing Water Level | Quarterly | 17.77 | mBTC | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB048 (Point 49) | 1 | Sulphate | Quarterly | 21 | mg/L | N/A | N | |

Pollutant Monitoring Results - General Pollutant

Environment Protection Licence Number: 5065

Licensee Name: Lucas Heights Resource Recovery Park

Facility Address: New Illawarra Rd Lucas Heights, NSW 2234

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Period - October - December 2022

| 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 |
|-------------------------------|-------------------------------|----------------|-------------------------------|---|--|--|--------------|----------|--------------------------------|------------------------|----------|
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB048 (Point 49) | 1 | Temperature (field) | Quarterly | 19.5 | deg c | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB048 (Point 49) | 1 | Total Dissolved Solids | Quarterly | 450 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB048 (Point 49) | 1 | Total Organic Carbon | Quarterly | 1 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB049 (Point 50) | 1 | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly | 200 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB049 (Point 50) | 1 | Bicarbonate Alkalinity | Quarterly | 200 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB049 (Point 50) | 1 | Calcium (II) Ion | Quarterly | 35 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB049 (Point 50) | 1 | Chloride | Quarterly | 150 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB049 (Point 50) | 1 | Magnesium (II) Ion | Quarterly | 12 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB049 (Point 50) | 1 | Nitrate as N in water | Quarterly | 0.02 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB049 (Point 50) | 1 | Nitrite as N in water | Quarterly | <0.005 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB049 (Point 50) | 1 | Ammonia as N | Quarterly | 0.035 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB049 (Point 50) | 1 | pH (field) | Quarterly | 6.57 | pH units | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB049 (Point 50) | 1 | Phosphorus | Quarterly | 0.07 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB049 (Point 50) | 1 | Potassium (I) Ion | Quarterly | 3 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB049 (Point 50) | 1 | Redox (field) | Quarterly | -58.3 | mV | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB049 (Point 50) | 1 | Sodium (Na) | Quarterly | 130 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB049 (Point 50) | 1 | Standing Water Level | Quarterly | 19.16 | mBTC | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB049 (Point 50) | 1 | Sulphate | Quarterly | 45 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB049 (Point 50) | 1 | Temperature (field) | Quarterly | 18.9 | deg c | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB049 (Point 50) | 1 | Total Dissolved Solids | Quarterly | 520 | mg/L | N/A | N | |
| 09 Feb 23 | 02 Feb 23 | 20 Dec 22 | MB049 (Point 50) | 1 | Total Organic Carbon | Quarterly | <1 | mg/L | N/A | N | |