

**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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|-------------------------------|-------------------------------|----------------|-------------------------------|---|--|--|--------------|----------|--------------------------------|------------------------|----------|
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB008 (Point 4)               | 1   | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly                                | 17           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB008 (Point 4)               | 1   | Bicarbonate Alkalinity                       | Quarterly                                | 17           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB008 (Point 4)               | 1   | Calcium (II) Ion                             | Quarterly                                | 3            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB008 (Point 4)               | 1   | Chloride                                     | Quarterly                                | 81           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB008 (Point 4)               | 1   | Magnesium (II) Ion                           | Quarterly                                | 9.7          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB008 (Point 4)               | 1   | Nitrate as N in water                        | Quarterly                                | 0.008        | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB008 (Point 4)               | 1   | Nitrite as N in water                        | Quarterly                                | <0.005       | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB008 (Point 4)               | 1   | Ammonia as N                                 | Quarterly                                | 0.019        | mg/L     | 1mg/L                          | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB008 (Point 4)               | 1   | pH (field)                                   | Quarterly                                | 5.17         | pH units | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB008 (Point 4)               | 1   | Phosphorus                                   | Quarterly                                | 0.06         | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB008 (Point 4)               | 1   | Potassium (I) Ion                            | Quarterly                                | 2            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB008 (Point 4)               | 1   | Redox (field)                                | Quarterly                                | 117.9        | mV       | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB008 (Point 4)               | 1   | Sodium (Na)                                  | Quarterly                                | 33           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB008 (Point 4)               | 1   | Standing Water Level                         | Quarterly                                | 14.39        | mBTOC    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB008 (Point 4)               | 1   | Sulphate                                     | Quarterly                                | 7            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB008 (Point 4)               | 1   | Temperature (field)                          | Quarterly                                | 18.8         | deg c    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB008 (Point 4)               | 1   | Total Dissolved Solids                       | Quarterly                                | 190          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB008 (Point 4)               | 1   | Total Organic Carbon                         | Quarterly                                | 3            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB023 (Point 44)              | 1   | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly                                | 93           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB023 (Point 44)              | 1   | Bicarbonate Alkalinity                       | Quarterly                                | 93           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB023 (Point 44)              | 1   | Calcium (II) Ion                             | Quarterly                                | 22           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB023 (Point 44)              | 1   | Chloride                                     | Quarterly                                | 1800         | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB023 (Point 44)              | 1   | Magnesium (II) Ion                           | Quarterly                                | 99           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB023 (Point 44)              | 1   | Nitrate as N in water                        | Quarterly                                | <0.005       | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB023 (Point 44)              | 1   | Nitrite as N in water                        | Quarterly                                | <0.005       | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB023 (Point 44)              | 1   | Ammonia as N                                 | Quarterly                                | 0.093        | mg/L     | 1mg/L                          | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB023 (Point 44)              | 1   | pH (field)                                   | Quarterly                                | 5.41         | pH units | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB023 (Point 44)              | 1   | Phosphorus                                   | Quarterly                                | 5            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB023 (Point 44)              | 1   | Potassium (I) Ion                            | Quarterly                                | 23           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB023 (Point 44)              | 1   | Redox (field)                                | Quarterly                                | 107.6        | mV       | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB023 (Point 44)              | 1   | Sodium (Na)                                  | Quarterly                                | 850          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB023 (Point 44)              | 1   | Standing Water Level                         | Quarterly                                | 8.74         | mBTOC    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB023 (Point 44)              | 1   | Sulphate                                     | Quarterly                                | 280          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB023 (Point 44)              | 1   | Temperature (field)                          | Quarterly                                | 17.2         | deg c    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB023 (Point 44)              | 1   | Total Dissolved Solids                       | Quarterly                                | 3300         | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB023 (Point 44)              | 1   | Total Organic Carbon                         | Quarterly                                | 7            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB032 (Point 7)               | 1   | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly                                | 50           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB032 (Point 7)               | 1   | Bicarbonate Alkalinity                       | Quarterly                                | 50           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB032 (Point 7)               | 1   | Calcium (II) Ion                             | Quarterly                                | 7            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB032 (Point 7)               | 1   | Chloride                                     | Quarterly                                | 100          | mg/L     | N/A                            | N                      |          |

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| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB032 (Point 7)               | 1   | Magnesium (II) Ion                           | Quarterly                                | 12           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB032 (Point 7)               | 1   | Nitrate as N in water                        | Quarterly                                | <0.01        | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB032 (Point 7)               | 1   | Nitrite as N in water                        | Quarterly                                | <0.005       | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB032 (Point 7)               | 1   | Ammonia as N                                 | Quarterly                                | 0.075        | mg/L     | 1mg/L                          | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB032 (Point 7)               | 1   | pH (field)                                   | Quarterly                                | 5.96         | pH units | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB032 (Point 7)               | 1   | Phosphorus                                   | Quarterly                                | 0.4          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB032 (Point 7)               | 1   | Potassium (I) Ion                            | Quarterly                                | 2            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB032 (Point 7)               | 1   | Redox (field)                                | Quarterly                                | 33.9         | mV       | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB032 (Point 7)               | 1   | Sodium (Na)                                  | Quarterly                                | 45           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB032 (Point 7)               | 1   | Standing Water Level                         | Quarterly                                | 11.44        | mBTC     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB032 (Point 7)               | 1   | Sulphate                                     | Quarterly                                | 12           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB032 (Point 7)               | 1   | Temperature (field)                          | Quarterly                                | 17.5         | deg c    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB032 (Point 7)               | 1   | Total Dissolved Solids                       | Quarterly                                | 220          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB032 (Point 7)               | 1   | Total Organic Carbon                         | Quarterly                                | 1            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB033 (Point 18)              | 1   | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly                                | 74           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB033 (Point 18)              | 1   | Bicarbonate Alkalinity                       | Quarterly                                | 74           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB033 (Point 18)              | 1   | Calcium (II) Ion                             | Quarterly                                | 5.5          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB033 (Point 18)              | 1   | Chloride                                     | Quarterly                                | 100          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB033 (Point 18)              | 1   | Magnesium (II) Ion                           | Quarterly                                | 12           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB033 (Point 18)              | 1   | Nitrate as N in water                        | Quarterly                                | <0.01        | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB033 (Point 18)              | 1   | Nitrite as N in water                        | Quarterly                                | <0.005       | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB033 (Point 18)              | 1   | Ammonia as N                                 | Quarterly                                | 0.047        | mg/L     | 1mg/L                          | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB033 (Point 18)              | 1   | pH (field)                                   | Quarterly                                | 5.68         | pH units | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB033 (Point 18)              | 1   | Phosphorus                                   | Quarterly                                | 0.4          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB033 (Point 18)              | 1   | Potassium (I) Ion                            | Quarterly                                | 2            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB033 (Point 18)              | 1   | Redox (field)                                | Quarterly                                | -23.8        | mV       | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB033 (Point 18)              | 1   | Sodium (Na)                                  | Quarterly                                | 44           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB033 (Point 18)              | 1   | Standing Water Level                         | Quarterly                                | 3.01         | mBTC     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB033 (Point 18)              | 1   | Sulphate                                     | Quarterly                                | 6            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB033 (Point 18)              | 1   | Temperature (field)                          | Quarterly                                | 16.7         | deg c    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB033 (Point 18)              | 1   | Total Dissolved Solids                       | Quarterly                                | 220          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB033 (Point 18)              | 1   | Total Organic Carbon                         | Quarterly                                | 1            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB034 (Point 8)               | 1   | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly                                | 19           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB034 (Point 8)               | 1   | Bicarbonate Alkalinity                       | Quarterly                                | 19           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB034 (Point 8)               | 1   | Calcium (II) Ion                             | Quarterly                                | 2            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB034 (Point 8)               | 1   | Chloride                                     | Quarterly                                | 100          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB034 (Point 8)               | 1   | Magnesium (II) Ion                           | Quarterly                                | 8.2          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB034 (Point 8)               | 1   | Nitrate as N in water                        | Quarterly                                | 0.06         | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB034 (Point 8)               | 1   | Nitrite as N in water                        | Quarterly                                | <0.005       | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB034 (Point 8)               | 1   | Ammonia as N                                 | Quarterly                                | 0.052        | mg/L     | 1mg/L                          | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB034 (Point 8)               | 1   | pH (field)                                   | Quarterly                                | 5.07         | pH units | N/A                            | N                      |          |

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| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB034 (Point 8)               | 1   | Phosphorus                                   | Quarterly                                | <0.05        | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB034 (Point 8)               | 1   | Potassium (I) Ion                            | Quarterly                                | 1            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB034 (Point 8)               | 1   | Redox (field)                                | Quarterly                                | 112          | mV       | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB034 (Point 8)               | 1   | Sodium (Na)                                  | Quarterly                                | 43           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB034 (Point 8)               | 1   | Standing Water Level                         | Quarterly                                | 4.11         | mBTOC    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB034 (Point 8)               | 1   | Sulphate                                     | Quarterly                                | 10           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB034 (Point 8)               | 1   | Temperature (field)                          | Quarterly                                | 15.9         | deg c    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB034 (Point 8)               | 1   | Total Dissolved Solids                       | Quarterly                                | 210          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB034 (Point 8)               | 1   | Total Organic Carbon                         | Quarterly                                | <1           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB035 (Point 19)              | 1   | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly                                | <5           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB035 (Point 19)              | 1   | Bicarbonate Alkalinity                       | Quarterly                                | <5           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB035 (Point 19)              | 1   | Calcium (II) Ion                             | Quarterly                                | 1            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB035 (Point 19)              | 1   | Chloride                                     | Quarterly                                | 99           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB035 (Point 19)              | 1   | Magnesium (II) Ion                           | Quarterly                                | 7.1          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB035 (Point 19)              | 1   | Nitrate as N in water                        | Quarterly                                | <0.005       | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB035 (Point 19)              | 1   | Nitrite as N in water                        | Quarterly                                | <0.005       | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB035 (Point 19)              | 1   | Ammonia as N                                 | Quarterly                                | 0.075        | mg/L     | 1mg/L                          | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB035 (Point 19)              | 1   | pH (field)                                   | Quarterly                                | 4.22         | pH units | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB035 (Point 19)              | 1   | Phosphorus                                   | Quarterly                                | <0.05        | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB035 (Point 19)              | 1   | Potassium (I) Ion                            | Quarterly                                | 1            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB035 (Point 19)              | 1   | Redox (field)                                | Quarterly                                | 157.7        | mV       | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB035 (Point 19)              | 1   | Sodium (Na)                                  | Quarterly                                | 42           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB035 (Point 19)              | 1   | Standing Water Level                         | Quarterly                                | 2.71         | mBTOC    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB035 (Point 19)              | 1   | Sulphate                                     | Quarterly                                | 13           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB035 (Point 19)              | 1   | Temperature (field)                          | Quarterly                                | 15.8         | deg c    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB035 (Point 19)              | 1   | Total Dissolved Solids                       | Quarterly                                | 180          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB035 (Point 19)              | 1   | Total Organic Carbon                         | Quarterly                                | <1           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB038 (Point 24)              | 1   | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly                                | <5           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB038 (Point 24)              | 1   | Bicarbonate Alkalinity                       | Quarterly                                | <5           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB038 (Point 24)              | 1   | Calcium (II) Ion                             | Quarterly                                | 1            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB038 (Point 24)              | 1   | Chloride                                     | Quarterly                                | 170          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB038 (Point 24)              | 1   | Magnesium (II) Ion                           | Quarterly                                | 12           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB038 (Point 24)              | 1   | Nitrate as N in water                        | Quarterly                                | 0.02         | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB038 (Point 24)              | 1   | Nitrite as N in water                        | Quarterly                                | <0.005       | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB038 (Point 24)              | 1   | Ammonia as N                                 | Quarterly                                | 0.097        | 1mg/L    | 1mg/L                          | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB038 (Point 24)              | 1   | pH (field)                                   | Quarterly                                | 5.07         | pH units | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB038 (Point 24)              | 1   | Phosphorus                                   | Quarterly                                | <0.05        | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB038 (Point 24)              | 1   | Potassium (I) Ion                            | Quarterly                                | 2            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB038 (Point 24)              | 1   | Redox (field)                                | Quarterly                                | 118.3        | mV       | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB038 (Point 24)              | 1   | Sodium (Na)                                  | Quarterly                                | 74           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB038 (Point 24)              | 1   | Standing Water Level                         | Quarterly                                | 22.43        | mBTOC    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB038 (Point 24)              | 1   | Sulphate                                     | Quarterly                                | 9            | mg/L     | N/A                            | N                      |          |

**Pollutant Monitoring Results - General Pollutant**

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|-------------------------------|-------------------------------|----------------|-------------------------------|---|--|--|--------------|----------|--------------------------------|------------------------|---|
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB038 (Point 24)              | 1   | Temperature (field)                          | Quarterly                                | 17.9         | deg c    | N/A                            | N                      |   |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB038 (Point 24)              | 1   | Total Dissolved Solids                       | Quarterly                                | 260          | mg/L     | N/A                            | N                      |   |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB038 (Point 24)              | 1   | Total Organic Carbon                         | Quarterly                                | 2            | mg/L     | N/A                            | N                      |   |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB040 (Point 26)              | 1   | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly                                | 21           | mg/L     | N/A                            | N                      |   |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB040 (Point 26)              | 1   | Bicarbonate Alkalinity                       | Quarterly                                | 21           | mg/L     | N/A                            | N                      |   |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB040 (Point 26)              | 1   | Calcium (II) Ion                             | Quarterly                                | 2            | mg/L     | N/A                            | N                      |   |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB040 (Point 26)              | 1   | Chloride                                     | Quarterly                                | 98           | mg/L     | N/A                            | N                      |   |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB040 (Point 26)              | 1   | Magnesium (II) Ion                           | Quarterly                                | 6.8          | mg/L     | N/A                            | N                      |   |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB040 (Point 26)              | 1   | Nitrate as N in water                        | Quarterly                                | 0.006        | mg/L     | N/A                            | N                      |   |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB040 (Point 26)              | 1   | Nitrite as N in water                        | Quarterly                                | <0.005       | mg/L     | N/A                            | N                      |   |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB040 (Point 26)              | 1   | Ammonia as N                                 | Quarterly                                | 0.056        | mg/L     | 1mg/L                          | N                      |   |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB040 (Point 26)              | 1   | pH (field)                                   | Quarterly                                | 4.75         | pH units | N/A                            | N                      |   |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB040 (Point 26)              | 1   | Phosphorus                                   | Quarterly                                | 0.1          | mg/L     | N/A                            | N                      |   |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB040 (Point 26)              | 1   | Potassium (I) Ion                            | Quarterly                                | 2            | mg/L     | N/A                            | N                      |   |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB040 (Point 26)              | 1   | Redox (field)                                | Quarterly                                | 129.3        | mV       | N/A                            | N                      |   |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB040 (Point 26)              | 1   | Sodium (Na)                                  | Quarterly                                | 41           | mg/L     | N/A                            | N                      |   |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB040 (Point 26)              | 1   | Standing Water Level                         | Quarterly                                | 12.67        | mBTOC    | N/A                            | N                      |   |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB040 (Point 26)              | 1   | Sulphate                                     | Quarterly                                | 11           | mg/L     | N/A                            | N                      |   |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB040 (Point 26)              | 1   | Temperature (field)                          | Quarterly                                | 17.8         | deg c    | N/A                            | N                      |   |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB040 (Point 26)              | 1   | Total Dissolved Solids                       | Quarterly                                | 210          | mg/L     | N/A                            | N                      |   |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB040 (Point 26)              | 1   | Total Organic Carbon                         | Quarterly                                | <1           | mg/L     | N/A                            | N                      |   |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB041 (Point 27)              | 1   | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly                                | -            | mg/L     | N/A                            | N                      | Dry well observed. Insufficient groundwater available for sampling. |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB041 (Point 27)              | 1   | Bicarbonate Alkalinity                       | Quarterly                                | -            | mg/L     | N/A                            | N                      | Dry well observed. Insufficient groundwater available for sampling. |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB041 (Point 27)              | 1   | Calcium (II) Ion                             | Quarterly                                | -            | mg/L     | N/A                            | N                      | Dry well observed. Insufficient groundwater available for sampling. |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB041 (Point 27)              | 1   | Chloride                                     | Quarterly                                | -            | mg/L     | N/A                            | N                      | Dry well observed. Insufficient groundwater available for sampling. |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB041 (Point 27)              | 1   | Magnesium (II) Ion                           | Quarterly                                | -            | mg/L     | N/A                            | N                      | Dry well observed. Insufficient groundwater available for sampling. |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB041 (Point 27)              | 1   | Nitrate as N in water                        | Quarterly                                | -            | mg/L     | N/A                            | N                      | Dry well observed. Insufficient groundwater available for sampling. |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB041 (Point 27)              | 1   | Nitrite as N in water                        | Quarterly                                | -            | mg/L     | N/A                            | N                      | Dry well observed. Insufficient groundwater available for sampling. |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB041 (Point 27)              | 1   | Ammonia as N                                 | Quarterly                                | -            | mg/L     | 1mg/L                          | N                      | Dry well observed. Insufficient groundwater available for sampling. |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB041 (Point 27)              | 1   | pH (field)                                   | Quarterly                                | -            | pH units | N/A                            | N                      | Dry well observed. Insufficient groundwater available for sampling. |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB041 (Point 27)              | 1   | Phosphorus                                   | Quarterly                                | -            | mg/L     | N/A                            | N                      | Dry well observed. Insufficient groundwater available for sampling. |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB041 (Point 27)              | 1   | Potassium (I) Ion                            | Quarterly                                | -            | mg/L     | N/A                            | N                      | Dry well observed. Insufficient groundwater available for sampling. |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB041 (Point 27)              | 1   | Redox (field)                                | Quarterly                                | -            | mV       | N/A                            | N                      | Dry well observed. Insufficient groundwater available for sampling. |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB041 (Point 27)              | 1   | Sodium (Na)                                  | Quarterly                                | -            | mg/L     | N/A                            | N                      | Dry well observed. Insufficient groundwater available for sampling. |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB041 (Point 27)              | 1   | Standing Water Level                         | Quarterly                                | -            | mBTOC    | N/A                            | N                      | Dry well observed. Insufficient groundwater available for sampling. |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB041 (Point 27)              | 1   | Sulphate                                     | Quarterly                                | -            | mg/L     | N/A                            | N                      | Dry well observed. Insufficient groundwater available for sampling. |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB041 (Point 27)              | 1   | Temperature (field)                          | Quarterly                                | -            | deg c    | N/A                            | N                      | Dry well observed. Insufficient groundwater available for sampling. |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB041 (Point 27)              | 1   | Total Dissolved Solids                       | Quarterly                                | -            | mg/L     | N/A                            | N                      | Dry well observed. Insufficient groundwater available for sampling. |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB041 (Point 27)              | 1   | Total Organic Carbon                         | Quarterly                                | -            | mg/L     | N/A                            | N                      | Dry well observed. Insufficient groundwater available for sampling. |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB044 (Point 45)              | 1   | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly                                | 21           | mg/L     | N/A                            | N                      |   |

### Pollutant Monitoring Results - General Pollutant

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|-------------------------------|-------------------------------|----------------|-------------------------------|---|--|--|--------------|----------|--------------------------------|------------------------|----------|
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB044 (Point 45)              | 1   | Bicarbonate Alkalinity                       | Quarterly                                | 21           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB044 (Point 45)              | 1   | Calcium (II) Ion                             | Quarterly                                | 3            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB044 (Point 45)              | 1   | Chloride                                     | Quarterly                                | 76           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB044 (Point 45)              | 1   | Magnesium (II) Ion                           | Quarterly                                | 9.2          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB044 (Point 45)              | 1   | Nitrate as N in water                        | Quarterly                                | 0.03         | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB044 (Point 45)              | 1   | Nitrite as N in water                        | Quarterly                                | <0.005       | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB044 (Point 45)              | 1   | Ammonia as N                                 | Quarterly                                | 0.015        | mg/L     | 1mg/L                          | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB044 (Point 45)              | 1   | pH (field)                                   | Quarterly                                | 5.31         | pH units | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB044 (Point 45)              | 1   | Phosphorus                                   | Quarterly                                | <0.05        | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB044 (Point 45)              | 1   | Potassium (I) Ion                            | Quarterly                                | 1            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB044 (Point 45)              | 1   | Redox (field)                                | Quarterly                                | 113.8        | mV       | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB044 (Point 45)              | 1   | Sodium (Na)                                  | Quarterly                                | 32           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB044 (Point 45)              | 1   | Standing Water Level                         | Quarterly                                | 19.78        | mBTOC    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB044 (Point 45)              | 1   | Sulphate                                     | Quarterly                                | 7            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB044 (Point 45)              | 1   | Temperature (field)                          | Quarterly                                | 22.8         | deg c    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB044 (Point 45)              | 1   | Total Dissolved Solids                       | Quarterly                                | 170          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB044 (Point 45)              | 1   | Total Organic Carbon                         | Quarterly                                | 1            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB045 (Point 46)              | 1   | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly                                | 19           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB045 (Point 46)              | 1   | Bicarbonate Alkalinity                       | Quarterly                                | 19           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB045 (Point 46)              | 1   | Calcium (II) Ion                             | Quarterly                                | 3            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB045 (Point 46)              | 1   | Chloride                                     | Quarterly                                | 73           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB045 (Point 46)              | 1   | Magnesium (II) Ion                           | Quarterly                                | 9.4          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB045 (Point 46)              | 1   | Nitrate as N in water                        | Quarterly                                | 0.074        | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB045 (Point 46)              | 1   | Nitrite as N in water                        | Quarterly                                | <0.005       | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB045 (Point 46)              | 1   | Ammonia as N                                 | Quarterly                                | 0.011        | mg/L     | 1mg/L                          | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB045 (Point 46)              | 1   | pH (field)                                   | Quarterly                                | 5.16         | pH units | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB045 (Point 46)              | 1   | Phosphorus                                   | Quarterly                                | <0.05        | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB045 (Point 46)              | 1   | Potassium (I) Ion                            | Quarterly                                | 2            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB045 (Point 46)              | 1   | Redox (field)                                | Quarterly                                | 114          | mV       | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB045 (Point 46)              | 1   | Sodium (Na)                                  | Quarterly                                | 32           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB045 (Point 46)              | 1   | Standing Water Level                         | Quarterly                                | 14.93        | mBTOC    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB045 (Point 46)              | 1   | Sulphate                                     | Quarterly                                | 6            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB045 (Point 46)              | 1   | Temperature (field)                          | Quarterly                                | 18.5         | deg c    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB045 (Point 46)              | 1   | Total Dissolved Solids                       | Quarterly                                | 170          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB045 (Point 46)              | 1   | Total Organic Carbon                         | Quarterly                                | <1           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB305 (Point 16)              | 1   | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly                                | 66           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB305 (Point 16)              | 1   | Bicarbonate Alkalinity                       | Quarterly                                | 66           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB305 (Point 16)              | 1   | Calcium (II) Ion                             | Quarterly                                | 7.1          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB305 (Point 16)              | 1   | Chloride                                     | Quarterly                                | 110          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB305 (Point 16)              | 1   | Magnesium (II) Ion                           | Quarterly                                | 10           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB305 (Point 16)              | 1   | Nitrate as N in water                        | Quarterly                                | 0.009        | mg/L     | N/A                            | N                      |          |

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|-------------------------------|-------------------------------|----------------|-------------------------------|---|--|--|--------------|----------|--------------------------------|------------------------|----------|
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB305 (Point 16)              | 1   | Nitrite as N in water                        | Quarterly                                | <0.005       | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB305 (Point 16)              | 2   | Ammonia as N                                 | Quarterly                                | 0.11         | mg/L     | 1mg/L                          | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB305 (Point 16)              | 1   | pH (field)                                   | Quarterly                                | 5.48         | pH units | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB305 (Point 16)              | 1   | Phosphorus                                   | Quarterly                                | 0.1          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB305 (Point 16)              | 1   | Potassium (I) Ion                            | Quarterly                                | 2            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB305 (Point 16)              | 1   | Redox (field)                                | Quarterly                                | 72.6         | mV       | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB305 (Point 16)              | 1   | Sodium (Na)                                  | Quarterly                                | 42           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB305 (Point 16)              | 1   | Standing Water Level                         | Quarterly                                | 9.26         | mBTOC    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB305 (Point 16)              | 1   | Sulphate                                     | Quarterly                                | 12           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB305 (Point 16)              | 1   | Temperature (field)                          | Quarterly                                | 17.4         | deg c    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB305 (Point 16)              | 1   | Total Dissolved Solids                       | Quarterly                                | 240          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB305 (Point 16)              | 1   | Total Organic Carbon                         | Quarterly                                | 1            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB306 (Point 17)              | 1   | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly                                | <5           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB306 (Point 17)              | 1   | Bicarbonate Alkalinity                       | Quarterly                                | <5           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB306 (Point 17)              | 1   | Calcium (II) Ion                             | Quarterly                                | 4            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB306 (Point 17)              | 1   | Chloride                                     | Quarterly                                | 110          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB306 (Point 17)              | 1   | Magnesium (II) Ion                           | Quarterly                                | 8.1          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB306 (Point 17)              | 1   | Nitrate as N in water                        | Quarterly                                | 0.25         | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB306 (Point 17)              | 1   | Nitrite as N in water                        | Quarterly                                | <0.005       | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB306 (Point 17)              | 1   | Ammonia as N                                 | Quarterly                                | 0.046        | mg/L     | 1mg/L                          | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB306 (Point 17)              | 1   | pH (field)                                   | Quarterly                                | 4.59         | pH units | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB306 (Point 17)              | 1   | Phosphorus                                   | Quarterly                                | 0.05         | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB306 (Point 17)              | 1   | Potassium (I) Ion                            | Quarterly                                | 0.8          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB306 (Point 17)              | 1   | Redox (field)                                | Quarterly                                | 151.3        | mV       | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB306 (Point 17)              | 1   | Sodium (Na)                                  | Quarterly                                | 46           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB306 (Point 17)              | 1   | Standing Water Level                         | Quarterly                                | 6.3          | mBTOC    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB306 (Point 17)              | 1   | Sulphate                                     | Quarterly                                | 8            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB306 (Point 17)              | 1   | Temperature (field)                          | Quarterly                                | 16.5         | deg c    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB306 (Point 17)              | 1   | Total Dissolved Solids                       | Quarterly                                | 220          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB306 (Point 17)              | 1   | Total Organic Carbon                         | Quarterly                                | 1            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB047 (Point 48)              | 1   | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly                                | 86           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB047 (Point 48)              | 1   | Bicarbonate Alkalinity                       | Quarterly                                | 86           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB047 (Point 48)              | 1   | Calcium (II) Ion                             | Quarterly                                | 5.8          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB047 (Point 48)              | 1   | Chloride                                     | Quarterly                                | 190          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB047 (Point 48)              | 1   | Magnesium (II) Ion                           | Quarterly                                | 16           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB047 (Point 48)              | 1   | Nitrate as N in water                        | Quarterly                                | <0.005       | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB047 (Point 48)              | 1   | Nitrite as N in water                        | Quarterly                                | <0.005       | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB047 (Point 48)              | 1   | Ammonia as N                                 | Quarterly                                | 0.14         | mg/L     | 1mg/L                          | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB047 (Point 48)              | 1   | pH (field)                                   | Quarterly                                | 5.5          | pH units | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB047 (Point 48)              | 1   | Phosphorus                                   | Quarterly                                | 0.08         | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB047 (Point 48)              | 1   | Potassium (I) Ion                            | Quarterly                                | 4            | 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**

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| 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 |
|-------------------------------|-------------------------------|----------------|-------------------------------|---|--|--|--------------|----------|--------------------------------|------------------------|----------|
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB047 (Point 48)              | 1   | Redox (field)                                | Quarterly                                | 64.3         | mV       | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB047 (Point 48)              | 1   | Sodium (Na)                                  | Quarterly                                | 110          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB047 (Point 48)              | 1   | Standing Water Level                         | Quarterly                                | 30.12        | mBTOC    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB047 (Point 48)              | 1   | Sulphate                                     | Quarterly                                | 22           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB047 (Point 48)              | 1   | Temperature (field)                          | Quarterly                                | 17.3         | deg c    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB047 (Point 48)              | 1   | Total Dissolved Solids                       | Quarterly                                | 390          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 11 Sep 23      | MB047 (Point 48)              | 1   | Total Organic Carbon                         | Quarterly                                | <1           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB046 (Point 47)              | 1   | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly                                | 55           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB046 (Point 47)              | 1   | Bicarbonate Alkalinity                       | Quarterly                                | 55           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB046 (Point 47)              | 1   | Calcium (II) Ion                             | Quarterly                                | 15           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB046 (Point 47)              | 1   | Chloride                                     | Quarterly                                | 440          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB046 (Point 47)              | 1   | Magnesium (II) Ion                           | Quarterly                                | 43           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB046 (Point 47)              | 1   | Nitrate as N in water                        | Quarterly                                | 0.19         | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB046 (Point 47)              | 1   | Nitrite as N in water                        | Quarterly                                | <0.005       | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB046 (Point 47)              | 1   | Ammonia as N                                 | Quarterly                                | 0.23         | mg/L     | 1mg/L                          | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB046 (Point 47)              | 1   | pH (field)                                   | Quarterly                                | 4.67         | pH units | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB046 (Point 47)              | 1   | Phosphorus                                   | Quarterly                                | <0.05        | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB046 (Point 47)              | 1   | Potassium (I) Ion                            | Quarterly                                | 3            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB046 (Point 47)              | 1   | Redox (field)                                | Quarterly                                | 128          | mV       | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB046 (Point 47)              | 1   | Sodium (Na)                                  | Quarterly                                | 220          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB046 (Point 47)              | 1   | Standing Water Level                         | Quarterly                                | 21.85        | mBTOC    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB046 (Point 47)              | 1   | Sulphate                                     | Quarterly                                | 32           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB046 (Point 47)              | 1   | Temperature (field)                          | Quarterly                                | 17.5         | deg c    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB046 (Point 47)              | 1   | Total Dissolved Solids                       | Quarterly                                | 870          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB046 (Point 47)              | 1   | Total Organic Carbon                         | Quarterly                                | <1           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB048 (Point 49)              | 1   | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly                                | 42           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB048 (Point 49)              | 1   | Bicarbonate Alkalinity                       | Quarterly                                | 42           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB048 (Point 49)              | 1   | Calcium (II) Ion                             | Quarterly                                | 22           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB048 (Point 49)              | 1   | Chloride                                     | Quarterly                                | 160          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB048 (Point 49)              | 1   | Magnesium (II) Ion                           | Quarterly                                | 10           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB048 (Point 49)              | 1   | Nitrate as N in water                        | Quarterly                                | 0.058        | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB048 (Point 49)              | 1   | Nitrite as N in water                        | Quarterly                                | <0.005       | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB048 (Point 49)              | 1   | Ammonia as N                                 | Quarterly                                | 0.072        | mg/L     | 1mg/L                          | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB048 (Point 49)              | 1   | pH (field)                                   | Quarterly                                | 6.16         | pH units | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB048 (Point 49)              | 1   | Phosphorus                                   | Quarterly                                | <0.05        | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB048 (Point 49)              | 1   | Potassium (I) Ion                            | Quarterly                                | 2            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB048 (Point 49)              | 1   | Redox (field)                                | Quarterly                                | 58.5         | mV       | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB048 (Point 49)              | 1   | Sodium (Na)                                  | Quarterly                                | 74           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB048 (Point 49)              | 1   | Standing Water Level                         | Quarterly                                | 18.22        | mBTOC    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB048 (Point 49)              | 1   | Sulphate                                     | Quarterly                                | 15           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB048 (Point 49)              | 1   | Temperature (field)                          | Quarterly                                | 18.9         | deg c    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB048 (Point 49)              | 1   | Total Dissolved Solids                       | Quarterly                                | 360          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB048 (Point 49)              | 1   | Total Organic Carbon                         | Quarterly                                | <1           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB049 (Point 50)              | 1   | Total Alkalinity (Carbonate and Bicarbonate) | Quarterly                                | 220          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB049 (Point 50)              | 1   | Bicarbonate Alkalinity                       | Quarterly                                | 220          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB049 (Point 50)              | 1   | Calcium (II) Ion                             | Quarterly                                | 37           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB049 (Point 50)              | 1   | Chloride                                     | Quarterly                                | 160          | 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**

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| 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 |
|-------------------------------|-------------------------------|----------------|-------------------------------|---|------------------------|--|--------------|----------|--------------------------------|------------------------|----------|
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB049 (Point 50)              | 1   | Magnesium (II) Ion     | Quarterly                                | 15           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB049 (Point 50)              | 1   | Nitrate as N in water  | Quarterly                                | 0.03         | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB049 (Point 50)              | 1   | Nitrite as N in water  | Quarterly                                | <0.005       | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB049 (Point 50)              | 1   | Ammonia as N           | Quarterly                                | 0.13         | mg/L     | 1mg/L                          | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB049 (Point 50)              | 1   | pH (field)             | Quarterly                                | 6.42         | pH units | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB049 (Point 50)              | 1   | Phosphorus             | Quarterly                                | 0.06         | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB049 (Point 50)              | 1   | Potassium (I) Ion      | Quarterly                                | 4            | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB049 (Point 50)              | 1   | Redox (field)          | Quarterly                                | -18.5        | mV       | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB049 (Point 50)              | 1   | Sodium (Na)            | Quarterly                                | 160          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB049 (Point 50)              | 1   | Standing Water Level   | Quarterly                                | 21.29        | mBTOC    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB049 (Point 50)              | 1   | Sulphate               | Quarterly                                | 48           | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB049 (Point 50)              | 1   | Temperature (field)    | Quarterly                                | 18.5         | deg c    | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB049 (Point 50)              | 1   | Total Dissolved Solids | Quarterly                                | 470          | mg/L     | N/A                            | N                      |          |
| 19 Oct 23                     | 18 Oct 23                     | 12 Sep 23      | MB049 (Point 50)              | 1   | Total Organic Carbon   | Quarterly                                | <1           | mg/L     | N/A                            | N                      |          |