

Environmental Protection Licence 5065

Lucas Heights Resource Recovery Park

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Public Register http://www.epa.nsw.gov.au/prpoeoapp/ . . . . . . . .

New Illawarrra Rd Lucas Heights, NSW 2234 Facility Address:

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Date Monitoring Data Obtained	Sampling Point as per Licence	No. of times measured during reporting period	Pollutant	Monitoring Frequency Required by licence	Actual Value	Unit	Pollutant limit as per Licence	Exceedance (Y/N or NA)	Comments
28 Sep 22	MB008 (Point 4)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	<5	mg/L	N/A	N	
28 Sep 22	MB008 (Point 4)	1	Bicarbonate Alkalinity	Quarterly	<5	mg/L	N/A	N	
28 Sep 22	MB008 (Point 4)	1	Calcium (II) Ion	Quarterly	3	mg/L	N/A	N	
28 Sep 22	MB008 (Point 4)	1	Chloride	Quarterly	230	mg/L	N/A	N	
28 Sep 22	MB008 (Point 4)	1	Magnesium (II) Ion	Quarterly	14	mg/L	N/A	N	
28 Sep 22	MB008 (Point 4)	1	Nitrate as N in water	Quarterly	<0.005	mg/L	N/A	N	
28 Sep 22	MB008 (Point 4)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
28 Sep 22	MB008 (Point 4)	1	Ammonia as N	Quarterly	0.024	mg/L	N/A	N	
28 Sep 22	MB008 (Point 4)	1	pH (field)	Quarterly	3.67	pH units	N/A	N	
28 Sep 22	MB008 (Point 4)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
28 Sep 22	MB008 (Point 4)	1	Potassium (I) Ion	Quarterly	1	mg/L	N/A	N	
28 Sep 22	MB008 (Point 4)	1	Redox (field)	Quarterly	157.1	mV	N/A	N	
28 Sep 22	MB008 (Point 4)	1	Sodium (Na)	Quarterly	100	mg/L	N/A	N	
28 Sep 22	MB008 (Point 4)	1	Standing Water Level	Quarterly	15.09	mBTOC	N/A	N	
28 Sep 22	MB008 (Point 4)	1	Sulphate	Quarterly	32	mg/L	N/A	N	
28 Sep 22	MB008 (Point 4)	1	Temperature (field)	Quarterly	18.1	deg c	N/A	N	
28 Sep 22	MB008 (Point 4)	1	Total Dissolved Solids	Quarterly	560	mg/L	N/A	N	
28 Sep 22	MB008 (Point 4)	1	Total Organic Carbon	Quarterly	47	mg/L	N/A	N	
28 Sep 22	MB023 (Point 44)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	65	mg/L	N/A	N	
28 Sep 22	MB023 (Point 44)	1	Bicarbonate Alkalinity	Quarterly	65	mg/L	N/A	N	
28 Sep 22	MB023 (Point 44)	1	Calcium (II) Ion	Quarterly	22	mg/L	N/A	N	
28 Sep 22	MB023 (Point 44)	1	Chloride	Quarterly	2000	mg/L	N/A	N	
28 Sep 22	MB023 (Point 44)	1	Magnesium (II) Ion	Quarterly	120	mg/L	N/A	N	
28 Sep 22	MB023 (Point 44)	1	Nitrate as N in water	Quarterly	<0.005	mg/L	N/A	N	
28 Sep 22	MB023 (Point 44)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
28 Sep 22	MB023 (Point 44)	1	Ammonia as N	Quarterly	0.44	mg/L	N/A	N	
28 Sep 22	MB023 (Point 44)	1	pH (field)	Quarterly	4.97	pH units	N/A	N	
28 Sep 22	MB023 (Point 44)	1	Phosphorus	Quarterly	1.8	mg/L	N/A	N	
28 Sep 22	MB023 (Point 44)	1	Potassium (I) Ion	Quarterly	24	mg/L	N/A	N	
28 Sep 22	MB023 (Point 44)	1	Redox (field)	Quarterly	21.9	mV	N/A	N	
28 Sep 22	MB023 (Point 44)	1	Sodium (Na)	Quarterly	1200	mg/L	N/A	N	
28 Sep 22	MB023 (Point 44)	1	Standing Water Level	Quarterly	5.25	mBTOC	N/A	N	
28 Sep 22	MB023 (Point 44)	1	Sulphate	Quarterly	220	mg/L	N/A	N	
28 Sep 22	MB023 (Point 44)	1	Temperature (field)	Quarterly	17.1	deg c	N/A	N	
28 Sep 22	MB023 (Point 44)	1	Total Dissolved Solids	Quarterly	4000	mg/L	N/A	N	
28 Sep 22	MB023 (Point 44)	1	Total Organic Carbon	Quarterly	60	mg/L	N/A	N	



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Date Monitoring Data Obtained	Sampling Point as per Licence	No. of times measured during reporting period	Pollutant	Monitoring Frequency Required by licence	Actual Value	Unit	Pollutant limit as per Licence	Exceedance (Y/N or NA)	Comments
27 Sep 22	MB032 (Point 7)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	32	mg/L	N/A	N	
27 Sep 22	MB032 (Point 7)	1	Bicarbonate Alkalinity	Quarterly	32	mg/L	N/A	N	
27 Sep 22	MB032 (Point 7)	1	Calcium (II) Ion	Quarterly	5.7	mg/L	N/A	N	
27 Sep 22	MB032 (Point 7)	1	Chloride	Quarterly	91	mg/L	N/A	N	
27 Sep 22	MB032 (Point 7)	1	Magnesium (II) Ion	Quarterly	10	mg/L	N/A	N	
27 Sep 22	MB032 (Point 7)	1	Nitrate as N in water	Quarterly	0.01	mg/L	N/A	N	
27 Sep 22	MB032 (Point 7)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
27 Sep 22	MB032 (Point 7)	1	Ammonia as N	Quarterly	0.071	mg/L	N/A	N	
27 Sep 22	MB032 (Point 7)	1	pH (field)	Quarterly	5.26	pH units	N/A	N	
27 Sep 22	MB032 (Point 7)	1	Phosphorus	Quarterly	0.4	mg/L	N/A	N	
27 Sep 22	MB032 (Point 7)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
27 Sep 22	MB032 (Point 7)	1	Redox (field)	Quarterly	6.2	mV	N/A	N	
27 Sep 22	MB032 (Point 7)	1	Sodium (Na)	Quarterly	50	mg/L	N/A	N	
27 Sep 22	MB032 (Point 7)	1	Standing Water Level	Quarterly	11.29	mBTOC	N/A	N	
27 Sep 22	MB032 (Point 7)	1	Sulphate	Quarterly	16	mg/L	N/A	N	
27 Sep 22	MB032 (Point 7)	1	Temperature (field)	Quarterly	17.8	deg c	N/A	N	
27 Sep 22	MB032 (Point 7)	1	Total Dissolved Solids	Quarterly	210	mg/L	N/A	N	
27 Sep 22	MB032 (Point 7)	1	Total Organic Carbon	Quarterly	40	mg/L	N/A	N	
27 Sep 22	MB033 (Point 18)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	39	mg/L	N/A	N	
27 Sep 22	MB033 (Point 18)	1	Bicarbonate Alkalinity	Quarterly	39	mg/L	N/A	N	
27 Sep 22	MB033 (Point 18)	1	Calcium (II) Ion	Quarterly	5	mg/L	N/A	N	
27 Sep 22	MB033 (Point 18)	1	Chloride	Quarterly	87	mg/L	N/A	N	
27 Sep 22	MB033 (Point 18)	1	Magnesium (II) Ion	Quarterly	10	mg/L	N/A	N	
27 Sep 22	MB033 (Point 18)	1	Nitrate as N in water	Quarterly	<0.005	mg/L	N/A	N	
27 Sep 22	MB033 (Point 18)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
27 Sep 22	MB033 (Point 18)	1	Ammonia as N	Quarterly	0.054	mg/L	N/A	N	
27 Sep 22	MB033 (Point 18)	1	pH (field)	Quarterly	5.38	pH units	N/A	Ν	
27 Sep 22	MB033 (Point 18)	1	Phosphorus	Quarterly	0.6	mg/L	N/A	N	
27 Sep 22	MB033 (Point 18)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
27 Sep 22	MB033 (Point 18)	1	Redox (field)	Quarterly	21.3	mV	N/A	N	
27 Sep 22	MB033 (Point 18)	1	Sodium (Na)	Quarterly	52	mg/L	N/A	N	
27 Sep 22	MB033 (Point 18)	1	Standing Water Level	Quarterly	4.56	mBTOC	N/A	N	
27 Sep 22	MB033 (Point 18)	1	Sulphate	Quarterly	8	mg/L	N/A	N	
27 Sep 22	MB033 (Point 18)	1	Temperature (field)	Quarterly	12.1	deg c	N/A	N	
27 Sep 22	MB033 (Point 18)	1	Total Dissolved Solids	Quarterly	210	mg/L	N/A	N	
27 Sep 22	MB033 (Point 18)	1	Total Organic Carbon	Quarterly	15	mg/L	N/A	N	



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Date Monitoring Data Obtained	Sampling Point as per Licence	No. of times measured during reporting period	Pollutant	Monitoring Frequency Required by licence	Actual Value	Unit	Pollutant limit as per Licence	Exceedance (Y/N or NA)	Comments
27 Sep 22	MB034 (Point 8)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	17	mg/L	N/A	N	
27 Sep 22	MB034 (Point 8)	1	Bicarbonate Alkalinity	Quarterly	17	mg/L	N/A	N	
27 Sep 22	MB034 (Point 8)	1	Calcium (II) Ion	Quarterly	2	mg/L	N/A	N	
27 Sep 22	MB034 (Point 8)	1	Chloride	Quarterly	89	mg/L	N/A	N	
27 Sep 22	MB034 (Point 8)	1	Magnesium (II) Ion	Quarterly	6.8	mg/L	N/A	N	
27 Sep 22	MB034 (Point 8)	1	Nitrate as N in water	Quarterly	0.02	mg/L	N/A	N	
27 Sep 22	MB034 (Point 8)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
27 Sep 22	MB034 (Point 8)	1	Ammonia as N	Quarterly	0.06	mg/L	N/A	N	
27 Sep 22	MB034 (Point 8)	1	pH (field)	Quarterly	4.5	pH units	N/A	N	
27 Sep 22	MB034 (Point 8)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
27 Sep 22	MB034 (Point 8)	1	Potassium (I) Ion	Quarterly	0.8	mg/L	N/A	N	
27 Sep 22	MB034 (Point 8)	1	Redox (field)	Quarterly	84.1	mV	N/A	N	
27 Sep 22	MB034 (Point 8)	1	Sodium (Na)	Quarterly	49	mg/L	N/A	N	
27 Sep 22	MB034 (Point 8)	1	Standing Water Level	Quarterly	3.34	mBTOC	N/A	N	
27 Sep 22	MB034 (Point 8)	1	Sulphate	Quarterly	11	mg/L	N/A	N	
27 Sep 22	MB034 (Point 8)	1	Temperature (field)	Quarterly	17.1	deg c	N/A	N	
27 Sep 22	MB034 (Point 8)	1	Total Dissolved Solids	Quarterly	200	mg/L	N/A	N	
27 Sep 22	MB034 (Point 8)	1	Total Organic Carbon	Quarterly	26	mg/L	N/A	N	
27 Sep 22	MB035 (Point 19)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	<5	mg/L	N/A	N	
27 Sep 22	MB035 (Point 19)	1	Bicarbonate Alkalinity	Quarterly	<5	mg/L	N/A	N	
27 Sep 22	MB035 (Point 19)	1	Calcium (II) Ion	Quarterly	1	mg/L	N/A	N	
27 Sep 22	MB035 (Point 19)	1	Chloride	Quarterly	87	mg/L	N/A	N	
27 Sep 22	MB035 (Point 19)	1	Magnesium (II) Ion	Quarterly	6.2	mg/L	N/A	N	
27 Sep 22	MB035 (Point 19)	1	Nitrate as N in water	Quarterly	0.01	mg/L	N/A	N	
27 Sep 22	MB035 (Point 19)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
27 Sep 22	MB035 (Point 19)	1	Ammonia as N	Quarterly	0.037	mg/L	N/A	N	
27 Sep 22	MB035 (Point 19)	1	pH (field)	Quarterly	3.79	pH units	N/A	N	
27 Sep 22	MB035 (Point 19)	1	Phosphorus	Quarterly	0.05	mg/L	N/A	N	
27 Sep 22	MB035 (Point 19)	1	Potassium (I) Ion	Quarterly	1	mg/L	N/A	N	
27 Sep 22	MB035 (Point 19)	1	Redox (field)	Quarterly	164.2	mV	N/A	N	
27 Sep 22	MB035 (Point 19)	1	Sodium (Na)	Quarterly	48	mg/L	N/A	N	
27 Sep 22	MB035 (Point 19)	1	Standing Water Level	Quarterly	2.7	mBTOC	N/A	N	
27 Sep 22	MB035 (Point 19)	1	Sulphate	Quarterly	12	mg/L	N/A	N	
27 Sep 22	MB035 (Point 19)	1	Temperature (field)	Quarterly	16	deg c	N/A	N	
27 Sep 22	MB035 (Point 19)	1	Total Dissolved Solids	Quarterly	200	mg/L	N/A	N	
27 Sep 22	MB035 (Point 19)	1	Total Organic Carbon	Quarterly	25	mg/L	N/A	N	
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13-10413-10BackendowinyCanany <th< th=""><th>Monitoring</th><th>Sampling Point as per</th><th>during reporting</th><th>Pollutant</th><th></th><th>Actual Value</th><th>Unit</th><th></th><th></th><th>Comments</th></th<>	Monitoring	Sampling Point as per	during reporting	Pollutant		Actual Value	Unit			Comments
Basing stateSame stateSame stateSame stateSame stateSame stateBasing stateSame state<	28 Sep 22	MB038 (Point 24)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	<5	mg/L	N/A	N	
Home Barlande Barlan	28 Sep 22	MB038 (Point 24)	1	Bicarbonate Alkalinity	Quarterly	<5	mg/L	N/A	N	
194910410410410410410410410410410412881288121104104040040040040040040040128712881211041040404040040040040040128812881211041040040404004004004004012891488121104104004004004004004004012891488121104104004004004004004004012891488121104104004004004004004004012891288121104104004040400400400400401289128812110410400404040040040040040128912881281041040040404004004004004012891288128812881288128812881288128812891288128812881288128812881288128912881288128812881288128812881289128812881288128812881288128812991298129812981288128812881288 <t< td=""><td>28 Sep 22</td><td>MB038 (Point 24)</td><td>1</td><td>Calcium (II) Ion</td><td>Quarterly</td><td>1</td><td>mg/L</td><td>N/A</td><td>N</td><td></td></t<>	28 Sep 22	MB038 (Point 24)	1	Calcium (II) Ion	Quarterly	1	mg/L	N/A	N	
JabolMadlinesaANates ale wareOutery626MayNaNaJabolMather Marken WareOuteryOuteryANaNaNaJabolMather Marken WareOuteryANaNaNaNaJabolMather Marken WareOuteryANaNaNaNa	28 Sep 22	MB038 (Point 24)	1	Chloride	Quarterly	140	mg/L	N/A	N	
199290001110000100000000090009000900090009000900023922M6000111000000000000009000900090009000900034923M60001100000000009000900090009000900034923M6000110000000000900090009000900034923M60000010000000000900090009000900034923M6000000100000000000900090009000900034923M6000000100000000000900090009000900034923M60000001000000000000900090009000900034923M6000000100000000000090000900090009000034923M600000011000000000000090000900009000034923M600000011000000000000090000900009000034923M600000001110000000000000900009000034923M600000001110000000000000900009000034923M6000000011000000000000090000900009000034923M600000001100000000000009000	28 Sep 22	MB038 (Point 24)	1	Magnesium (II) Ion	Quarterly	10	mg/L	N/A	N	
19899080 %101104 (104)104 (104)10810810810821803080 %10640 %0.0403.080.083.083.0821803080 %1.00.040 %0.0400.040.040.040.0421803080 %1.00.040 %0.0400.040.040.040.0421803080 %1.00.000 %0.000 %0.000 %0.000 %0.000 %0.000 %21803080 %0.10.000 %0.000 %0.000 %0.000 %0.000 %0.000 %21803080 %0.10.000 %0.000 %0.000 %0.000 %0.000 %0.000 %21803080 %0.10.000 %0.000 %0.000 %0.000 %0.000 %0.000 %21803080 %0.10.000 %0.000 %0.000 %0.000 %0.000 %0.000 %21803080 %0.10.000 %0.000 %0.000 %0.000 %0.000 %0.000 %21804080 %0.10.000 %0.000 %0.000 %0.000 %0.000 %0.000 %21804080 %0.10.000 %0.000 %0.000 %0.000 %0.000 %0.000 %21804080 %0.10.000 %0.000 %0.000 %0.000 %0.000 %0.000 %21804080 %0.000 %0.000 %0.000 %0.000 %0.000 %0.000 %0.000 %21904080 %0.000 %0.000 % </td <td>28 Sep 22</td> <td>MB038 (Point 24)</td> <td>1</td> <td>Nitrate as N in water</td> <td>Quarterly</td> <td>0.02</td> <td>mg/L</td> <td>N/A</td> <td>N</td> <td></td>	28 Sep 22	MB038 (Point 24)	1	Nitrate as N in water	Quarterly	0.02	mg/L	N/A	N	
39929880 90131970090090.0009918900091910091003992M880 901301Maphran (1)anOann'n1RqLNANA3992M880 9013011MatachtigOann'n1RqLNANA3992M880 9013011MatachtigOann'n12RqLNANANA3992M880 90131Solan 1000Oann'n12RqLNANANA3992M880 90131Solan 1000Oann'n13RqLNANANA3992M880 90131Solan 1000Oann'n13RqLNANANA3992M880 90131Solan 1000Oann'n13RqLNANANA3992M880 90131Solan 1000Oann'n12RqLNANANA3992M880 90131Solan 1000Oann'n12RqLNANANA3992M880 90131Solan 1000Oann'n12RqLNANANA3992M880 90131Solan 10000Oann'n13RqLNANANA3992M880 90131Solan 100000Oann'n14RqLNANANA3992M880 90131Solan 1000000Oann'n14RqLNANANA3992M880 90131Solan 1000	28 Sep 22	MB038 (Point 24)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
195929093 Port911ProcessProcess90009109109109109102359240001Port11Rectain [10n]0ardring1210n <td>28 Sep 22</td> <td>MB038 (Point 24)</td> <td>1</td> <td>Ammonia as N</td> <td>Quarterly</td> <td>0.06</td> <td>mg/L</td> <td>N/A</td> <td>N</td> <td></td>	28 Sep 22	MB038 (Point 24)	1	Ammonia as N	Quarterly	0.06	mg/L	N/A	N	
12b32M080 [wards]11Mutan(man)Mutan(man)12mutanMAAMAMA31b32M080 [wards]1Sam [man]Mark [wards]MutanMu	28 Sep 22	MB038 (Point 24)	1	pH (field)	Quarterly	3.98	pH units	N/A	N	
15422M883 PirolM1Made IndiMatherMatherNANANANA1648 Pirol101SohembinGuenty120RuftNANA1649 Pirol11SohembinGuenty120NANANA1649 Pirol11SohembinGuenty120NANANA1649 Pirol11SohembinGuenty120NANANA1649 Pirol11SohembinGuenty120NANANA1649 Pirol11TotalonetalianGuenty120NANANA1649 Pirol11TotalonetalianGuenty120NANANA1749 Pirol11TotalonetalianGuenty120NANANA1749 Pirol11TotalonetalianGuenty120NANANA1749 Pirol11TotalonetalianGuenty120NANANA1749 Pirol11Guenty120NANANANA1749 Pirol11Guenty120NANANANA1749 Pirol11Guenty120NANANANA1749 Pirol11Guenty120NANANANA1749 Pirol11Guenty120NANANANA1749 Pirol14NaNANANANA1749 Pirol14NaNA	28 Sep 22	MB038 (Point 24)	1	Phosphorus	Quarterly	0.08	mg/L	N/A	N	
19492Malle MailMailMailMailMailMailMailMailMail24592Malle MailSatade MailGardenGardenGardenMailMailMail24592Malle MailGardenGardenGardenGardenGardenMailMail24592Malle MailGardenGardenGardenGardenGardenMailMail24592Malle MailGardenGardenGardenGardenMailMailMail24592Malle MailGardenGardenGardenMailMailMailMail24592Malle MailGardenGardenGardenMailMailMailMail24592Malle MailGardenGardenGardenMailMailMailMail24592Malle MailGardenGardenGardenMailMailMailMail24592Malle MailGardenGardenGardenGardenMailMailMail24592Malle MailGardenGardenGardenGardenMailMailMail24592Malle MailGardenGardenGardenGardenMailMailMail24592Malle MailGardenGardenGardenGardenGardenMailMail24592Malle MailGardenGardenGardenGardenGardenGardenMail24592Malle MailGarden	28 Sep 22	MB038 (Point 24)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
MakeMakeMakeMakeMakeMakeMakeMakeMakeBaseMake </td <td>28 Sep 22</td> <td>MB038 (Point 24)</td> <td>1</td> <td>Redox (field)</td> <td>Quarterly</td> <td>188.4</td> <td>mV</td> <td>N/A</td> <td>N</td> <td></td>	28 Sep 22	MB038 (Point 24)	1	Redox (field)	Quarterly	188.4	mV	N/A	N	
19802M882 (Park)M1M1MultipleMu	28 Sep 22	MB038 (Point 24)	1	Sodium (Na)	Quarterly	72	mg/L	N/A	N	
18492M803 Byolt 30M1Memperatur (Bed)Quarterly912Med QNANA284923M803 Byolt 301Tatal Bioseko SoltaQuarterly90mg RNANA284923M803 Byolt 31Tatal Disolect SoltaQuarterly90mg RNANA714924M2Maco SoltaTatal Bioseko SoltaQuarterly90mg RNANA714924M804 Dyot 30Tatal Bioseko AsianyQuarterly45mg RNANA715923M804 Dyot 301Gatokot AsianyQuarterly45mg RNANA715924M804 Dyot 301Gatokot AsianyQuarterly47mg RNANA715925M804 Dyot 301Gatokot AsianyQuarterly47Mg RNANA715924M804 Dyot 301Gatokot MainerlyGuarterly48NANA715925M804 Dyot 301Gatokot MainerlyGuarterly40%NANA715926M804 Dyot 301Mt Rte N NateeQuarterly40%NANA715927M804 Dyot 301Mt Rte N NateeQuarterly40%NANA715928M804 Dyot 301Mt Rte N NateeQuarterly40%NANA715929M804 Dyot 301Mt Rte N NateeQuarterly40%NANA71592M804 Dyot 301Mt Rte N NateeGuarterly10%NA <td>28 Sep 22</td> <td>MB038 (Point 24)</td> <td>1</td> <td>Standing Water Level</td> <td>Quarterly</td> <td>19.78</td> <td>mBTOC</td> <td>N/A</td> <td>N</td> <td></td>	28 Sep 22	MB038 (Point 24)	1	Standing Water Level	Quarterly	19.78	mBTOC	N/A	N	
AbageMadementMainMainMainMainMainMainMainMain2 MassMassMainMainMainMainMainMainMainMain2 MassMassMassMassMainMainMainMainMainMain2 MassMassMassMassMainMainMainMainMainMain2 MassMassMassMassMainMainMainMainMainMain2 MassMassMassMassMainMainMainMainMainMain2 MassMassMassMassMainMainMainMainMainMain2 MassMassMassMassMainMainMainMainMainMain2 MassMassMassMassMainMainMainMainMainMain2 MassMassMassMassMainMainMainMainMainMain2 MassMassMainMainMainMainMainMainMainMain2 MassMassMainMainMainMainMainMainMainMain2 MassMassMainMainMainMainMainMainMainMain2 MassMassMainMainMainMainMainMainMainMain2 MassMainMainMain <td< td=""><td>28 Sep 22</td><td>MB038 (Point 24)</td><td>1</td><td>Sulphate</td><td>Quarterly</td><td>23</td><td>mg/L</td><td>N/A</td><td>N</td><td></td></td<>	28 Sep 22	MB038 (Point 24)	1	Sulphate	Quarterly	23	mg/L	N/A	N	
Abs38 ParkalMass Park	28 Sep 22	MB038 (Point 24)	1	Temperature (field)	Quarterly	18.2	deg c	N/A	N	
NumberNumbe	28 Sep 22	MB038 (Point 24)	1	Total Dissolved Solids	Quarterly	390	mg/L	N/A	N	
7592M800 (m12)MMBiardonsteAkalan(m)QuarteringNMNN27592M800 (m12)1Galam (Mion)QuarteringNN/ANN27592M800 (m12)1Galam (Mion)QuarteringNN/ANN27592M800 (m12)1Galam (Mion)QuarteringNN/ANN27592M800 (m12)1Galam (Mion)QuarteringNN/ANN27592M800 (m12)1Martering (Mionica)QuarteringN/AN/ANN27592M800 (m12)1Martering (Mionica)QuarteringN/AN/ANN27592M800 (m12)1Martering (Mionica)QuarteringN/AN/ANN27592M800 (m12)1Martering (Mionica)QuarteringN/AN/ANN27592M800 (m12)1Mintering (Mionica)QuarteringN/AN/ANN27592M800 (m12)1Mintering (Mionica)QuarteringN/AN/ANN27592M800 (m12)1Mintering (Mionica)QuarteringN/AN/ANN27592M800 (m12)1Mintering (Mionica)QuarteringN/AN/ANN27592M800 (m12)1Mintering (Mionica)QuarteringN/AN/ANN27592M800 (m12)1Mintering (Mioni	28 Sep 22	MB038 (Point 24)	1	Total Organic Carbon	Quarterly	190	mg/L	N/A	N	
7592M800 (m12)MMBiardonsteAkalan(m)QuarteringNMNN27592M800 (m12)1Galam (Mion)QuarteringNN/ANN27592M800 (m12)1Galam (Mion)QuarteringNN/ANN27592M800 (m12)1Galam (Mion)QuarteringNN/ANN27592M800 (m12)1Galam (Mion)QuarteringNN/ANN27592M800 (m12)1Martering (Mionica)QuarteringN/AN/ANN27592M800 (m12)1Martering (Mionica)QuarteringN/AN/ANN27592M800 (m12)1Martering (Mionica)QuarteringN/AN/ANN27592M800 (m12)1Martering (Mionica)QuarteringN/AN/ANN27592M800 (m12)1Mintering (Mionica)QuarteringN/AN/ANN27592M800 (m12)1Mintering (Mionica)QuarteringN/AN/ANN27592M800 (m12)1Mintering (Mionica)QuarteringN/AN/ANN27592M800 (m12)1Mintering (Mionica)QuarteringN/AN/ANN27592M800 (m12)1Mintering (Mionica)QuarteringN/AN/ANN27592M800 (m12)1Mintering (Mioni										
275p2M800 modelM1Galum(n)onMaderM2m/LM/LM/LM/L275p2M800 modelM1MaderMaderM2M2M/LM/LM/L275p2M800 modelM1MaretMaderM2M2M/LM/LM/L275p2M800 modelM1MaretMaretM2M/LM/LM/LM/L275p2M800 modelM1MaretMaretMaretM/LM/LM/LM/L275p2M800 modelM1MaretMaretM/LM/LM/LM/LM/L275p2M800 modelM1MaretMaretM/LM/LM/LM/LM/L275p2M800 modelM1MaretMaretM/LM/LM/LM/LM/L275p2M800 modelM1MaretMaretM/LM/LM/LM/LM/L275p2M800 modelM1MaretM/LM/LM/LM/LM/LM/L275p2M800 modelM1MaretM/LM/LM/LM/LM/LM/L275p2M800 modelM1MaretM/LM/LM/LM/LM/LM/L275p2M800 modelM1MaretM/LM/LM/LM/LM/LM/L275p2M800 modelM1M/LM/LM/LM/LM/LM/LM/L275p3M800 modelM1M/LM/L <td< td=""><td>27 Sep 22</td><td>MB040 (Point 26)</td><td>1</td><td>Total Alkalinity (Carbonate and Bicarbonate)</td><td>Quarterly</td><td>&lt;5</td><td>mg/L</td><td>N/A</td><td>N</td><td></td></td<>	27 Sep 22	MB040 (Point 26)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	<5	mg/L	N/A	N	
27 sp 2M800 [min min min min min min min min min min	27 Sep 22	MB040 (Point 26)	1	Bicarbonate Alkalinity	Quarterly	<5	mg/L	N/A	N	
27592M8000m3M1MAgesim(InomMaderA MaderM MM MM MM MM M27592M8000m3G1MTMT MATAMA MATAMAMAMAMAMA27592M8000m3G1MT MATAMT MATAMA MATAMAMAMAMAMA27592M8000m3G1MT MAMT MAMAMAMAMAMAMA27592M8000m3G1MT MAMA MAMAMAMAMAMAMA27592M8000m3G1MT MAMA MAMAMAMAMAMAMA27592M8000m3G1MT MAMA MAMAMAMAMAMAMA27592M8000m3G1MT MAMA MAMAMAMAMAMAMA27592M8000m3G1MT MAMA MAMAMAMAMAMAMA27592M8000m3G1MT MAMA MAMAMAMAMAMAMA27592M8000m3G1MT MAMA MAMAMAMAMAMAMA27592M8000m3MT MAMT MAMAMAMAMAMAMAMA27593MA MAMA MAMAMAMAMAMAMAMAMA27594 <td>27 Sep 22</td> <td>MB040 (Point 26)</td> <td>1</td> <td>Calcium (II) Ion</td> <td>Quarterly</td> <td>2</td> <td>mg/L</td> <td>N/A</td> <td>N</td> <td></td>	27 Sep 22	MB040 (Point 26)	1	Calcium (II) Ion	Quarterly	2	mg/L	N/A	N	
27592M800Pin26M1M1NTrea MinuteM0uretM0uretMnuteMN	27 Sep 22	MB040 (Point 26)	1	Chloride	Quarterly	87	mg/L	N/A	N	
27592M8040nts)IndiaM1trea NinteanNoartenNoartenNoartenNaNANa27592M8040nts)11Mannaa NaMannaa Na<	27 Sep 22	MB040 (Point 26)	1	Magnesium (II) Ion	Quarterly	6.6	mg/L	N/A	N	
27592M8000nt30M1MAnnona MManueManueManueManueManue27592M8000nt30M1M1M1ManueManueManueManueManue27592M8000nt30M1M1ManueManueManueManueManueManue27592M8000nt30M1M1M1ManueManueManueManueManue27592M8000nt30M1M1ManueManueManueManueManueManue27592M8000nt30M1M1ManueM1ManueManueManueManue27592M8000nt30M1M1ManueM1ManueManueManueManue27592M8000nt30M1M1M1M1M1ManueManueManue27592M8000nt30M1M1M1M1M1ManueManue27592M8000nt30M1M1M1M1M1M1Manue27592M8000nt30M1M1M1M1M1M1M127592M8000nt30M1M1M1M1M1M1M127592M8000nt30M1M1M1M1M1M1M127592M8000nt30M1M1M1M1M1M1M127592M8000nt30M1M1M1M1M1M1M127592M1000nt30M1M1 </td <td>27 Sep 22</td> <td>MB040 (Point 26)</td> <td>1</td> <td>Nitrate as N in water</td> <td>Quarterly</td> <td>0.02</td> <td>mg/L</td> <td>N/A</td> <td>N</td> <td></td>	27 Sep 22	MB040 (Point 26)	1	Nitrate as N in water	Quarterly	0.02	mg/L	N/A	N	
27592M800 modelM1M1M1M1M2M1M1M1M127592M800 modelM1M1M1M1M1M1M1M1M127592M800 modelM1M1M1M1M1M1M1M1M127592M800 modelM1M1M1M1M1M1M1M1M127592M800 modelM1M1M1M1M1M1M1M1M127592M800 modelM1M1M1M1M1M1M1M1M127592M800 modelM1M1M1M1M1M1M1M1M127592M800 modelM1M1M1M1M1M1M1M1M127592M800 modelM1M1M1M1M1M1M1M1M127592M800 modelM1M1M1M1M1M1M1M1M1M127592M800 modelM1 </td <td>27 Sep 22</td> <td>MB040 (Point 26)</td> <td>1</td> <td>Nitrite as N in water</td> <td>Quarterly</td> <td>&lt;0.005</td> <td>mg/L</td> <td>N/A</td> <td>N</td> <td></td>	27 Sep 22	MB040 (Point 26)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
27592M8040Pint39M1PhosphoraQuarefuQuarefumgLmgLNANA27592M8040Pint39G1PhosphoraQuarefuG1MgLMASA27592M8040Pint39G1Sadam(Man)QuarefuG124MgLMASA275923M8040Pint39G1Sadam(Man)QuarefuG124MgLMgLSadam275924M8040Pint39G1Sadam(Man)QuarefuG184MgLSadamSadam275925M8040Pint39G1Sadam(Man)QuarefuG184MgLSadamSadam275926M8040Pint39G1Sadam(Man)QuarefuG184MgLSadamSadam275927M8040Pint39G1Sadam(Man)GuarefuG184MgLSadamSadam275928M8040Pint39G1SadamGuarefuG194G194SadamSadam275929M8040Pint39G1SadamGuarefuG194G194SadamSadam275929M8040Pint39G1SadamGuarefuG194G194SadamSadam275929M8040Pint39G1SadamGuarefuG194G194SadamSadam275929M8040Pint39G1SadamGuarefuG194G194SadamSadam275929M8040Pint39G1SadamGuarefuG194G194SadamSadam275929M8040Pint39G1SadamGuar	27 Sep 22	MB040 (Point 26)	1	Ammonia as N	Quarterly	0.14	mg/L	N/A	N	
27592M8000nt30M1M000nt30M010M010Mn/MMN/MMN/MMN/M27592M8000nt30M1M000nt30M000nt30M010M010MN/M <td< td=""><td>27 Sep 22</td><td>MB040 (Point 26)</td><td>1</td><td>pH (field)</td><td>Quarterly</td><td>3.59</td><td>pH units</td><td>N/A</td><td>N</td><td></td></td<>	27 Sep 22	MB040 (Point 26)	1	pH (field)	Quarterly	3.59	pH units	N/A	N	
275ep2M600 (mode)M1Medo (mode)Material<	27 Sep 22	MB040 (Point 26)	1	Phosphorus	Quarterly	0.2	mg/L	N/A	N	
27592         M8000nt30         Onlow         Source         Mage	27 Sep 22	MB040 (Point 26)	1	Potassium (I) Ion	Quarterly	1	mg/L	N/A	N	
27592       M8000rbit       Onlow       State       Onlow       State	27 Sep 22	MB040 (Point 26)	1	Redox (field)	Quarterly	125.4	mV	N/A	N	
27 Sep 2M8040 (Point 26)M 1SupportM QuarterlyM (M 20 MarterlyM (M 20 Marterl	27 Sep 22	MB040 (Point 26)	1	Sodium (Na)	Quarterly	48	mg/L	N/A	N	
27 Sep 22     M8040 (Point 26)     1     Temperature (field)     Quarterly     3.59     deg c     N/A     NA       27 Sep 24     M8040 (Point 26)     1     Total Dissolved Solids     Quarterly     3.59     deg c     N/A     NA	27 Sep 22	MB040 (Point 26)	1	Standing Water Level	Quarterly	10.81	mBTOC	N/A	N	
27 Sep 22         MB040 (Point 26)         1         Total Dissolved Solids         Quarterly         200         mg/L         N/A         N	27 Sep 22	MB040 (Point 26)	1	Sulphate	Quarterly	17	mg/L	N/A	N	
	27 Sep 22	MB040 (Point 26)	1	Temperature (field)	Quarterly	3.59	deg c	N/A	N	
27 Sep 22     M8040 (Point 26)     1     Total Organic Carbon     Quarterly     210     mg/L     N/A     N	27 Sep 22	MB040 (Point 26)	1	Total Dissolved Solids	Quarterly	200	mg/L	N/A	N	
	27 Sep 22	MB040 (Point 26)	1	Total Organic Carbon	Quarterly	210	mg/L	N/A	N	



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New Illawarrra Rd Lucas Heights, NSW 2234 Facility Address:

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Date Monitoring Data Obtained	Sampling Point as per Licence	No. of times measured during reporting period	Pollutant	Monitoring Frequency Required by licence	Actual Value	Unit	Pollutant limit as per Licence	Exceedance (Y/N or NA)	Comments
27 Sep 22	MB041 (Point 27)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	2	mg/L	N/A	N	
27 Sep 22	MB041 (Point 27)	1	Bicarbonate Alkalinity	Quarterly	<5	mg/L	N/A	N	
27 Sep 22	MB041 (Point 27)	1	Calcium (II) Ion	Quarterly	<5	mg/L	N/A	N	
27 Sep 22	MB041 (Point 27)	1	Chloride	Quarterly	84	mg/L	N/A	N	
27 Sep 22	MB041 (Point 27)	1	Magnesium (II) Ion	Quarterly	10	mg/L	N/A	N	
27 Sep 22	MB041 (Point 27)	1	Nitrate as N in water	Quarterly	0.42	mg/L	N/A	N	
27 Sep 22	MB041 (Point 27)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
27 Sep 22	MB041 (Point 27)	1	Ammonia as N	Quarterly	0.12	mg/L	N/A	N	
27 Sep 22	MB041 (Point 27)	1	pH (field)	Quarterly	3.17	pH units	N/A	N	
27 Sep 22	MB041 (Point 27)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
27 Sep 22	MB041 (Point 27)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
27 Sep 22	MB041 (Point 27)	1	Redox (field)	Quarterly	189	mV	N/A	N	
27 Sep 22	MB041 (Point 27)	1	Sodium (Na)	Quarterly	53	mg/L	N/A	N	
27 Sep 22	MB041 (Point 27)	1	Standing Water Level	Quarterly	6.47	mBTOC	N/A	N	
27 Sep 22	MB041 (Point 27)	1	Sulphate	Quarterly	140	mg/L	N/A	N	
27 Sep 22	MB041 (Point 27)	1	Temperature (field)	Quarterly	17.7	deg c	N/A	N	
27 Sep 22	MB041 (Point 27)	1	Total Dissolved Solids	Quarterly	320	mg/L	N/A	N	
27 Sep 22	MB041 (Point 27)	1	Total Organic Carbon	Quarterly	170	mg/L	N/A	N	
28 Sep 22	MB044 (Point 45)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	24	mg/L	N/A	N	
28 Sep 22	MB044 (Point 45)	1	Bicarbonate Alkalinity	Quarterly	24	mg/L	N/A	N	
28 Sep 22	MB044 (Point 45)	1	Calcium (II) Ion	Quarterly	3	mg/L	N/A	N	
28 Sep 22	MB044 (Point 45)	1	Chloride	Quarterly	76	mg/L	N/A	N	
28 Sep 22	MB044 (Point 45)	1	Magnesium (II) Ion	Quarterly	8.5	mg/L	N/A	N	
28 Sep 22	MB044 (Point 45)	1	Nitrate as N in water	Quarterly	<0.005	mg/L	N/A	N	
28 Sep 22	MB044 (Point 45)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
28 Sep 22	MB044 (Point 45)	1	Ammonia as N	Quarterly	0.063	mg/L	N/A	N	
28 Sep 22	MB044 (Point 45)	1	pH (field)	Quarterly	4.74	pH units	N/A	N	
28 Sep 22	MB044 (Point 45)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
28 Sep 22	MB044 (Point 45)	1	Potassium (I) Ion	Quarterly	1	mg/L	N/A	N	
28 Sep 22	MB044 (Point 45)	1	Redox (field)	Quarterly	64	mV	N/A	N	
28 Sep 22	MB044 (Point 45)	1	Sodium (Na)	Quarterly	33	mg/L	N/A	N	
28 Sep 22	MB044 (Point 45)	1	Standing Water Level	Quarterly	20.26	mBTOC	N/A	N	
28 Sep 22	MB044 (Point 45)	1	Sulphate	Quarterly	8	mg/L	N/A	N	
28 Sep 22	MB044 (Point 45)	1	Temperature (field)	Quarterly	21.3	deg c	N/A	N	
28 Sep 22	MB044 (Point 45)	1	Total Dissolved Solids	Quarterly	220	mg/L	N/A	N	
28 Sep 22	MB044 (Point 45)	1	Total Organic Carbon	Quarterly	4	mg/L	N/A	N	



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New Illawarrra Rd Lucas Heights, NSW 2234 Facility Address:

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Date Monitoring Data Obtained	Sampling Point as per Licence	No. of times measured during reporting period	Pollutant	Monitoring Frequency Required by licence	Actual Value	Unit	Pollutant limit as per Licence	Exceedance (Y/N or NA)	Comments
28 Sep 22	MB045 (Point 46)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	23	mg/L	N/A	N	
28 Sep 22	MB045 (Point 46)	1	Bicarbonate Alkalinity	Quarterly	23	mg/L	N/A	N	
28 Sep 22	MB045 (Point 46)	1	Calcium (II) Ion	Quarterly	3	mg/L	N/A	N	
28 Sep 22	MB045 (Point 46)	1	Chloride	Quarterly	74	mg/L	N/A	N	
28 Sep 22	MB045 (Point 46)	1	Magnesium (II) Ion	Quarterly	8.9	mg/L	N/A	N	
28 Sep 22	MB045 (Point 46)	1	Nitrate as N in water	Quarterly	0.02	mg/L	N/A	N	
28 Sep 22	MB045 (Point 46)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
28 Sep 22	MB045 (Point 46)	1	Ammonia as N	Quarterly	0.007	mg/L	N/A	N	
28 Sep 22	MB045 (Point 46)	1	pH (field)	Quarterly	5.15	pH units	N/A	N	
28 Sep 22	MB045 (Point 46)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
28 Sep 22	MB045 (Point 46)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
28 Sep 22	MB045 (Point 46)	1	Redox (field)	Quarterly	52.4	mV	N/A	N	
28 Sep 22	MB045 (Point 46)	1	Sodium (Na)	Quarterly	33	mg/L	N/A	N	
28 Sep 22	MB045 (Point 46)	1	Standing Water Level	Quarterly	15.59	mBTOC	N/A	N	
28 Sep 22	MB045 (Point 46)	1	Sulphate	Quarterly	8	mg/L	N/A	N	
28 Sep 22	MB045 (Point 46)	1	Temperature (field)	Quarterly	18.4	deg c	N/A	N	
28 Sep 22	MB045 (Point 46)	1	Total Dissolved Solids	Quarterly	240	mg/L	N/A	N	
28 Sep 22	MB045 (Point 46)	1	Total Organic Carbon	Quarterly	11	mg/L	N/A	N	
27 Sep 22	MB305 (Point 16)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	32	mg/L	N/A	N	
27 Sep 22	MB305 (Point 16)	1	Bicarbonate Alkalinity	Quarterly	32	mg/L	N/A	N	
27 Sep 22	MB305 (Point 16)	1	Calcium (II) Ion	Quarterly	7.1	mg/L	N/A	N	
27 Sep 22	MB305 (Point 16)	1	Chloride	Quarterly	89	mg/L	N/A	N	
27 Sep 22	MB305 (Point 16)	1	Magnesium (II) Ion	Quarterly	10	mg/L	N/A	N	
27 Sep 22	MB305 (Point 16)	1	Nitrate as N in water	Quarterly	0.088	mg/L	N/A	N	
27 Sep 22	MB305 (Point 16)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
27 Sep 22	MB305 (Point 16)	2	Ammonia as N	Quarterly	1.5	mg/L	N/A	N	17 November 2022 retesting = 0.052mg/L. The 27 September 2022 result was believe to be erroneous hence the retesting.
27 Sep 22	MB305 (Point 16)	1	pH (field)	Quarterly	4.07	pH units	N/A	N	
27 Sep 22	MB305 (Point 16)	1	Phosphorus	Quarterly	0.07	mg/L	N/A	N	
27 Sep 22	MB305 (Point 16)	1	Potassium (I) Ion	Quarterly	3	mg/L	N/A	N	
27 Sep 22	MB305 (Point 16)	1	Redox (field)	Quarterly	87.8	mV	N/A	N	
27 Sep 22	MB305 (Point 16)	1	Sodium (Na)	Quarterly	56	mg/L	N/A	N	
27 Sep 22	MB305 (Point 16)	1	Standing Water Level	Quarterly	9.95	mBTOC	N/A	N	
27 Sep 22	MB305 (Point 16)	1	Sulphate	Quarterly	13	mg/L	N/A	N	
27 Sep 22	MB305 (Point 16)	1	Temperature (field)	Quarterly	18	deg c	N/A	N	
27 Sep 22	MB305 (Point 16)	1	Total Dissolved Solids	Quarterly	240	mg/L	N/A	N	
27 Sep 22	MB305 (Point 16)	1	Total Organic Carbon	Quarterly	250	mg/L	N/A	N	
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New Illawarrra Rd Lucas Heights, NSW 2234 Facility Address:

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Date Monitoring Data Obtained	Sampling Point as per Licence	No. of times measured during reporting period	Pollutant	Monitoring Frequency Required by licence	Actual Value	Unit	Pollutant limit as per Licence	Exceedance (Y/N or NA)	Comments
27 Sep 22	MB306 (Point 17)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	<5	mg/L	N/A	N	
27 Sep 22	MB306 (Point 17)	1	Bicarbonate Alkalinity	Quarterly	<5	mg/L	N/A	N	
27 Sep 22	MB306 (Point 17)	1	Calcium (II) Ion	Quarterly	3	mg/L	N/A	N	
27 Sep 22	MB306 (Point 17)	1	Chloride	Quarterly	100	mg/L	N/A	N	
27 Sep 22	MB306 (Point 17)	1	Magnesium (II) Ion	Quarterly	7.3	mg/L	N/A	N	
27 Sep 22	MB306 (Point 17)	1	Nitrate as N in water	Quarterly	0.19	mg/L	N/A	N	
27 Sep 22	MB306 (Point 17)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
27 Sep 22	MB306 (Point 17)	1	Ammonia as N	Quarterly	0.23	mg/L	N/A	N	
27 Sep 22	MB306 (Point 17)	1	pH (field)	Quarterly	3.12	pH units	N/A	N	
27 Sep 22	MB306 (Point 17)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
27 Sep 22	MB306 (Point 17)	1	Potassium (I) Ion	Quarterly	0.6	mg/L	N/A	N	
27 Sep 22	MB306 (Point 17)	1	Redox (field)	Quarterly	218	mV	N/A	N	
27 Sep 22	MB306 (Point 17)	1	Sodium (Na)	Quarterly	52	mg/L	N/A	N	
27 Sep 22	MB306 (Point 17)	1	Standing Water Level	Quarterly	4.95	mBTOC	N/A	N	
27 Sep 22	MB306 (Point 17)	1	Sulphate	Quarterly	17	mg/L	N/A	N	
27 Sep 22	MB306 (Point 17)	1	Temperature (field)	Quarterly	17	deg c	N/A	N	
27 Sep 22	MB306 (Point 17)	1	Total Dissolved Solids	Quarterly	230	mg/L	N/A	N	
27 Sep 22	MB306 (Point 17)	1	Total Organic Carbon	Quarterly	140	mg/L	N/A	N	
28 Sep 22	MB047 (Point 48)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	44	mg/L	N/A	N	
28 Sep 22	MB047 (Point 48)	1	Bicarbonate Alkalinity	Quarterly	44	mg/L	N/A	N	
28 Sep 22	MB047 (Point 48)	1	Calcium (II) Ion	Quarterly	4	mg/L	N/A	N	
28 Sep 22	MB047 (Point 48)	1	Chloride	Quarterly	120	mg/L	N/A	N	
28 Sep 22	MB047 (Point 48)	1	Magnesium (II) Ion	Quarterly	14	mg/L	N/A	N	
28 Sep 22	MB047 (Point 48)	1	Nitrate as N in water	Quarterly	0.14	mg/L	N/A	N	
28 Sep 22	MB047 (Point 48)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
28 Sep 22	MB047 (Point 48)	1	Ammonia as N	Quarterly	0.083	mg/L	N/A	N	
28 Sep 22	MB047 (Point 48)	1	pH (field)	Quarterly	4.38	pH units	N/A	N	
28 Sep 22	MB047 (Point 48)	1	Phosphorus	Quarterly	0.08	mg/L	N/A	N	
28 Sep 22	MB047 (Point 48)	1	Potassium (I) Ion	Quarterly	3	mg/L	N/A	N	
28 Sep 22	MB047 (Point 48)	1	Redox (field)	Quarterly	48	mV	N/A	N	
	MB047 (Point 48)	1	Sodium (Na)	Quarterly	89		N/A	N	
28 Sep 22						mg/L			
28 Sep 22	MB047 (Point 48)	1	Standing Water Level	Quarterly	29.28	mBTOC	N/A	N	
28 Sep 22	MB047 (Point 48)	1	Sulphate	Quarterly	22	mg/L	N/A	N	
28 Sep 22	MB047 (Point 48)	1	Temperature (field)	Quarterly	17.7	deg c	N/A	N	
28 Sep 22 28 Sep 22	MB047 (Point 48) MB047 (Point 48)	1	Total Dissolved Solids	Quarterly	320	mg/L	N/A N/A	N	
28 Sep 22	WBU47 (POINT 48)	1	Total Organic Carbon	Quarterly	1/0	mg/L	N/A	N	



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Lucas Heights Resource Recovery Park

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New Illawarrra Rd Lucas Heights, NSW 2234 Facility Address:

Date Monitoring Data Obtained	Sampling Point as per Licence	No. of times measured during reporting period	Pollutant	Monitoring Frequency Required by licence	Actual Value	Unit	Pollutant limit as per Licence	Exceedance (Y/N or NA)	Comments
28 Sep 22	MB046 (Point 47)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	50	mg/L	N/A	N	
28 Sep 22	MB046 (Point 47)	1	Bicarbonate Alkalinity	Quarterly	50	mg/L	N/A	N	
28 Sep 22	MB046 (Point 47)	1	Calcium (II) Ion	Quarterly	13	mg/L	N/A	N	
28 Sep 22	MB046 (Point 47)	1	Chloride	Quarterly	360	mg/L	N/A	N	
28 Sep 22	MB046 (Point 47)	1	Magnesium (II) Ion	Quarterly	38	mg/L	N/A	N	
28 Sep 22	MB046 (Point 47)	1	Nitrate as N in water	Quarterly	0.03	mg/L	N/A	N	
28 Sep 22	MB046 (Point 47)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
28 Sep 22	MB046 (Point 47)	1	Ammonia as N	Quarterly		mg/L	N/A	N	
28 Sep 22	MB046 (Point 47)	1	pH (field)	Quarterly	0.051 4.49	pH units	N/A	N	
28 Sep 22	MB046 (Point 47)	1	Phosphorus	Quarterly		mg/L	N/A	N	
28 Sep 22	MB046 (Point 47)	1	Potassium (I) Ion	Quarterly	<0.05	mg/L	N/A	N	
28 Sep 22	MB046 (Point 47)	1			3 45.6	mV	N/A	N	
28 Sep 22 28 Sep 22	MB046 (Point 47) MB046 (Point 47)	1	Redox (field) Sodium (Na)	Quarterly		mv mg/L	N/A N/A	N	
				Quarterly	190 21.61		N/A N/A	N	
28 Sep 22	MB046 (Point 47)	1	Standing Water Level	Quarterly		mBTOC			
28 Sep 22	MB046 (Point 47)	1	Sulphate	Quarterly	31	mg/L	N/A	N	
28 Sep 22	MB046 (Point 47)	1	Temperature (field)	Quarterly	17.9	deg c	N/A	N	
28 Sep 22	MB046 (Point 47)	1	Total Dissolved Solids	Quarterly	1000	mg/L	N/A	N	
28 Sep 22	MB046 (Point 47)	1	Total Organic Carbon	Quarterly	140	mg/L	N/A	N	
-									
28 Sep 22	MB048 (Point 49)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	41	mg/L	N/A	N	
28 Sep 22	MB048 (Point 49)	1	Bicarbonate Alkalinity	Quarterly	41	mg/L	N/A	N	
28 Sep 22	MB048 (Point 49)	1	Calcium (II) Ion	Quarterly	25 170	mg/L	N/A	N	
28 Sep 22 28 Sep 22	MB048 (Point 49) MB048 (Point 49)	1	Chloride	Quarterly Quarterly	1/0	mg/L	N/A N/A	N	
28 Sep 22 28 Sep 22	MB048 (Point 49) MB048 (Point 49)	1	Magnesium (II) Ion Nitrate as N in water	Quarterly	0.01	mg/L mg/L	N/A N/A	N	
28 Sep 22	MB048 (Point 49)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
28 Sep 22	MB048 (Point 49)	1	Ammonia as N	Quarterly	0.025	mg/L	N/A	N	
28 Sep 22	MB048 (Point 49)	1	pH (field)	Quarterly	5.42	pH units	N/A	N	
28 Sep 22	MB048 (Point 49)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
28 Sep 22	MB048 (Point 49)	1	Potassium (I) Ion	Quarterly	1	mg/L	N/A	N	
28 Sep 22	MB048 (Point 49)	1	Redox (field)	Quarterly	28.7	mV	N/A	N	
28 Sep 22	MB048 (Point 49)	1	Sodium (Na)	Quarterly	87	mg/L	N/A	N	
28 Sep 22	MB048 (Point 49)	1	Standing Water Level	Quarterly	17.76	mBTOC	N/A	N	
28 Sep 22	MB048 (Point 49)	1	Sulphate	Quarterly	19	mg/L	N/A	N	
28 Sep 22	MB048 (Point 49)	1	Temperature (field)	Quarterly	19	deg c	N/A	N	
28 Sep 22	MB048 (Point 49)	1	Total Dissolved Solids	Quarterly	540	mg/L	N/A	N	
28 Sep 22	MB048 (Point 49)	1	Total Organic Carbon	Quarterly	14	mg/L	N/A	N	
28 Sep 22	MB049 (Point 50)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	230	mg/L	N/A	N	
28 Sep 22	MB049 (Point 50)	1	Bicarbonate Alkalinity	Quarterly	230	mg/L	N/A	N	
28 Sep 22	MB049 (Point 50)	1	Calcium (II) Ion	Quarterly	42	mg/L	N/A	N	
28 Sep 22	MB049 (Point 50)	1	Chloride	Quarterly	130	mg/L	N/A	N	
28 Sep 22	MB049 (Point 50)	1	Magnesium (II) Ion	Quarterly	13	mg/L	N/A	N	
28 Sep 22	MB049 (Point 50)	1	Nitrate as N in water	Quarterly	0.007	mg/L	N/A	N	



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Public Register http://www.epa.nsw.gov.au/prpoeoapp/ Lucas Heights Resource Recovery Park

New Illawarrra Rd Lucas Heights, NSW 2234 Facility Address:

Date Monitoring Data Obtained	Sampling Point as per Licence	No. of times measured during reporting period	Pollutant	Monitoring Frequency Required by licence	Actual Value	Unit	Pollutant limit as per Licence	Exceedance (Y/N or NA)	Comments
28 Sep 22	MB049 (Point 50)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
28 Sep 22	MB049 (Point 50)	1	Ammonia as N	Quarterly	0.075	mg/L	N/A	N	
28 Sep 22	MB049 (Point 50)	1	pH (field)	Quarterly	6.31	pH units	N/A	N	
28 Sep 22	MB049 (Point 50)	1	Phosphorus	Quarterly	0.1	mg/L	N/A	N	
28 Sep 22	MB049 (Point 50)	1	Potassium (I) Ion	Quarterly	3	mg/L	N/A	N	
28 Sep 22	MB049 (Point 50)	1	Redox (field)	Quarterly	-44.4	mV	N/A	N	
28 Sep 22	MB049 (Point 50)	1	Sodium (Na)	Quarterly	140	mg/L	N/A	N	
28 Sep 22	MB049 (Point 50)	1	Standing Water Level	Quarterly	19.28	mBTOC	N/A	N	
28 Sep 22	MB049 (Point 50)	1	Sulphate	Quarterly	61	mg/L	N/A	N	
28 Sep 22	MB049 (Point 50)	1	Temperature (field)	Quarterly	18.8	deg c	N/A	N	
28 Sep 22	MB049 (Point 50)	1	Total Dissolved Solids	Quarterly	640	mg/L	N/A	N	
28 Sep 22	MB049 (Point 50)	1	Total Organic Carbon	Quarterly	35	mg/L	N/A	N	