



Pollutant Monitoring Results - General Pollutant

Environmental Protection Licence Number: 5065

Licensee Name: Lucas Heights Resource Recovery Park

Facility Address: New Illawarra Rd Lucas Heights, NSW 2234

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Date Monitoring Data Obtained	Sampling Point as per Licence	No. of times measured during reporting period	Pollutant	Monitoring Frequency Required by licence	Actual Value	Unit	Pollutant limit as per Licence	Exceedance (Y/N or NA)	Comments
5/12/2018	MB008 (Point 4)	1	Alkalinity (As Calcium Carbonate)	Quarterly	<5	mg/L	N/A	N	
5/12/2018	MB008 (Point 4)	1	Bicarbonate alkalinity	Quarterly	15	mg/L	N/A	N	
5/12/2018	MB008 (Point 4)	1	Calcium (II) Ion	Quarterly	2.4	mg/L	N/A	N	
5/12/2018	MB008 (Point 4)	1	Chloride	Quarterly	77	mg/L	N/A	N	
5/12/2018	MB008 (Point 4)	1	Magnesium (II) Ion	Quarterly	8.9	mg/L	N/A	N	
5/12/2018	MB008 (Point 4)	1	Nitrate as N in water	Quarterly	0.006	mg/L	N/A	N	
5/12/2018	MB008 (Point 4)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
5/12/2018	MB008 (Point 4)	1	Ammonia as N	Quarterly	<0.005	mg/L	N/A	N	
5/12/2018	MB008 (Point 4)	1	pH (field)	Quarterly	4.9	pH units	N/A	N	
5/12/2018	MB008 (Point 4)	1	Phosphorous	Quarterly	<0.05	mg/L	N/A	N	
5/12/2018	MB008 (Point 4)	1	Potassium (I) Ion	Quarterly	1.3	mg/L	N/A	N	
5/12/2018	MB008 (Point 4)	1	Redox (field)	Quarterly	211.1	mV	N/A	N	
5/12/2018	MB008 (Point 4)	1	Sodium (Na)	Quarterly	43	mg/L	N/A	N	
5/12/2018	MB008 (Point 4)	1	Standing Water Level	Quarterly	15.33	mBTOC	N/A	N	
5/12/2018	MB008 (Point 4)	1	Sulphate	Quarterly	10	mg/L	N/A	N	
5/12/2018	MB008 (Point 4)	1	Temperature (field)	Quarterly	18.8	deg c	N/A	N	
5/12/2018	MB008 (Point 4)	1	Total Dissolved Solids	Quarterly	160	mg/L	N/A	N	
5/12/2018	MB008 (Point 4)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	
5/12/2018	MB023 (Point 44)	1	Alkalinity (As Calcium Carbonate)	Quarterly	<5	mg/L	N/A	N	
5/12/2018	MB023 (Point 44)	1	Bicarbonate alkalinity	Quarterly	110	mg/L	N/A	N	
5/12/2018	MB023 (Point 44)	1	Calcium (II) Ion	Quarterly	26	mg/L	N/A	N	
5/12/2018	MB023 (Point 44)	1	Chloride	Quarterly	1300	mg/L	N/A	N	
5/12/2018	MB023 (Point 44)	1	Magnesium (II) Ion	Quarterly	80	mg/L	N/A	N	
5/12/2018	MB023 (Point 44)	1	Nitrate as N in water	Quarterly	0.009	mg/L	N/A	N	
5/12/2018	MB023 (Point 44)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
5/12/2018	MB023 (Point 44)	1	Ammonia as N	Quarterly	0.09	mg/L	N/A	N	
5/12/2018	MB023 (Point 44)	1	pH (field)	Quarterly	5.65	pH units	N/A	N	
5/12/2018	MB023 (Point 44)	1	Phosphorous	Quarterly	12	mg/L	N/A	N	
5/12/2018	MB023 (Point 44)	1	Potassium (I) Ion	Quarterly	23	mg/L	N/A	N	
5/12/2018	MB023 (Point 44)	1	Redox (field)	Quarterly	92.9	mV	N/A	N	
5/12/2018	MB023 (Point 44)	1	Sodium (Na)	Quarterly	1100	mg/L	N/A	N	
5/12/2018	MB023 (Point 44)	1	Standing Water Level	Quarterly	10.82	mBTOC	N/A	N	
5/12/2018	MB023 (Point 44)	1	Sulphate	Quarterly	220	mg/L	N/A	N	
5/12/2018	MB023 (Point 44)	1	Temperature (field)	Quarterly	18.1	deg c	N/A	N	
5/12/2018	MB023 (Point 44)	1	Total Dissolved Solids	Quarterly	2800	mg/L	N/A	N	
5/12/2018	MB023 (Point 44)	1	Total Organic Carbon	Quarterly	20	mg/L	N/A	N	
5/12/2018	MB032 (Point 7)	1	Alkalinity (As Calcium Carbonate)	Quarterly	<5	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
5/12/2018	MB032 (Point 7)	1	Bicarbonate alkalinity	Quarterly	71	mg/L	N/A	N	
5/12/2018	MB032 (Point 7)	1	Calcium (II) Ion	Quarterly	7.2	mg/L	N/A	N	
5/12/2018	MB032 (Point 7)	1	Chloride	Quarterly	94	mg/L	N/A	N	
5/12/2018	MB032 (Point 7)	1	Magnesium (II) Ion	Quarterly	13	mg/L	N/A	N	
5/12/2018	MB032 (Point 7)	1	Nitrate as N in water	Quarterly	<0.005	mg/L	N/A	N	
5/12/2018	MB032 (Point 7)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
5/12/2018	MB032 (Point 7)	1	Ammonia as N	Quarterly	0.024	mg/L	N/A	N	
5/12/2018	MB032 (Point 7)	1	pH (field)	Quarterly	5.65	pH units	N/A	N	
5/12/2018	MB032 (Point 7)	1	Phosphorous	Quarterly	0.6	mg/L	N/A	N	
5/12/2018	MB032 (Point 7)	1	Potassium (I) Ion	Quarterly	2.3	mg/L	N/A	N	
5/12/2018	MB032 (Point 7)	1	Redox (field)	Quarterly	-39.3	mV	N/A	N	
5/12/2018	MB032 (Point 7)	1	Sodium (Na)	Quarterly	60	mg/L	N/A	N	
5/12/2018	MB032 (Point 7)	1	Standing Water Level	Quarterly	13.8	mBTOC	N/A	N	
5/12/2018	MB032 (Point 7)	1	Sulphate	Quarterly	12	mg/L	N/A	N	
5/12/2018	MB032 (Point 7)	1	Temperature (field)	Quarterly	17.6	deg c	N/A	N	
5/12/2018	MB032 (Point 7)	1	Total Dissolved Solids	Quarterly	230	mg/L	N/A	N	
5/12/2018	MB032 (Point 7)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	
5/12/2018	MB033 (Point 18)	1	Alkalinity (As Calcium Carbonate)	Quarterly	<5	mg/L	N/A	N	
5/12/2018	MB033 (Point 18)	1	Bicarbonate alkalinity	Quarterly	77	mg/L	N/A	N	
5/12/2018	MB033 (Point 18)	1	Calcium (II) Ion	Quarterly	5.6	mg/L	N/A	N	
5/12/2018	MB033 (Point 18)	1	Chloride	Quarterly	91	mg/L	N/A	N	
5/12/2018	MB033 (Point 18)	1	Magnesium (II) Ion	Quarterly	12	mg/L	N/A	N	
5/12/2018	MB033 (Point 18)	1	Nitrate as N in water	Quarterly	0.006	mg/L	N/A	N	
5/12/2018	MB033 (Point 18)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
5/12/2018	MB033 (Point 18)	1	Ammonia as N	Quarterly	0.011	mg/L	N/A	N	
5/12/2018	MB033 (Point 18)	1	pH (field)	Quarterly	5.68	pH units	N/A	N	
5/12/2018	MB033 (Point 18)	1	Phosphorous	Quarterly	0.3	mg/L	N/A	N	
5/12/2018	MB033 (Point 18)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
5/12/2018	MB033 (Point 18)	1	Redox (field)	Quarterly	-20.4	mV	N/A	N	
5/12/2018	MB033 (Point 18)	1	Sodium (Na)	Quarterly	60	mg/L	N/A	N	
5/12/2018	MB033 (Point 18)	1	Standing Water Level	Quarterly	5.34	mBTOC	N/A	N	
5/12/2018	MB033 (Point 18)	1	Sulphate	Quarterly	10	mg/L	N/A	N	
5/12/2018	MB033 (Point 18)	1	Temperature (field)	Quarterly	17.5	deg c	N/A	N	



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5/12/2018	MB033 (Point 18)	1	Total Dissolved Solids	Quarterly	230	mg/L	N/A	N	
5/12/2018	MB033 (Point 18)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	
5/12/2018	MB034 (Point 8)	1	Alkalinity (As Calcium Carbonate)	Quarterly	<5	mg/L	N/A	N	
5/12/2018	MB034 (Point 8)	1	Bicarbonate alkalinity	Quarterly	22	mg/L	N/A	N	
5/12/2018	MB034 (Point 8)	1	Calcium (II) Ion	Quarterly	2	mg/L	N/A	N	
5/12/2018	MB034 (Point 8)	1	Chloride	Quarterly	92	mg/L	N/A	N	
5/12/2018	MB034 (Point 8)	1	Magnesium (II) Ion	Quarterly	7.7	mg/L	N/A	N	
5/12/2018	MB034 (Point 8)	1	Nitrate as N in water	Quarterly	<0.005	mg/L	N/A	N	
5/12/2018	MB034 (Point 8)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
5/12/2018	MB034 (Point 8)	1	Ammonia as N	Quarterly	<0.005	mg/L	N/A	N	
5/12/2018	MB034 (Point 8)	1	pH (field)	Quarterly	5.21	pH units	N/A	N	
5/12/2018	MB034 (Point 8)	1	Phosphorous	Quarterly	<0.05	mg/L	N/A	N	
5/12/2018	MB034 (Point 8)	1	Potassium (I) Ion	Quarterly	0.8	mg/L	N/A	N	
5/12/2018	MB034 (Point 8)	1	Redox (field)	Quarterly	113.6	mV	N/A	N	
5/12/2018	MB034 (Point 8)	1	Sodium (Na)	Quarterly	58	mg/L	N/A	N	
5/12/2018	MB034 (Point 8)	1	Standing Water Level	Quarterly	3.97	mBTOC	N/A	N	
5/12/2018	MB034 (Point 8)	1	Sulphate	Quarterly	12	mg/L	N/A	N	
5/12/2018	MB034 (Point 8)	1	Temperature (field)	Quarterly	17.4	deg c	N/A	N	
5/12/2018	MB034 (Point 8)	1	Total Dissolved Solids	Quarterly	190	mg/L	N/A	N	
5/12/2018	MB034 (Point 8)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	
5/12/2018	MB035 (Point 19)	1	Alkalinity (As Calcium Carbonate)	Quarterly	<5	mg/L	N/A	N	
5/12/2018	MB035 (Point 19)	1	Bicarbonate alkalinity	Quarterly	17	mg/L	N/A	N	
5/12/2018	MB035 (Point 19)	1	Calcium (II) Ion	Quarterly	39	mg/L	N/A	N	
5/12/2018	MB035 (Point 19)	1	Chloride	Quarterly	160	mg/L	N/A	N	
5/12/2018	MB035 (Point 19)	1	Magnesium (II) Ion	Quarterly	25	mg/L	N/A	N	
5/12/2018	MB035 (Point 19)	1	Nitrate as N in water	Quarterly	<0.005	mg/L	N/A	N	
5/12/2018	MB035 (Point 19)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
5/12/2018	MB035 (Point 19)	1	Ammonia as N	Quarterly	0.72	mg/L	N/A	N	
5/12/2018	MB035 (Point 19)	1	pH (field)	Quarterly	5.04	pH units	N/A	N	
5/12/2018	MB035 (Point 19)	1	Phosphorous	Quarterly	<0.05	mg/L	N/A	N	
5/12/2018	MB035 (Point 19)	1	Potassium (I) Ion	Quarterly	13	mg/L	N/A	N	
5/12/2018	MB035 (Point 19)	1	Redox (field)	Quarterly	-10.2	mV	N/A	N	
5/12/2018	MB035 (Point 19)	1	Sodium (Na)	Quarterly	100	mg/L	N/A	N	
5/12/2018	MB035 (Point 19)	1	Standing Water Level	Quarterly	2.62	mBTOC	N/A	N	
5/12/2018	MB035 (Point 19)	1	Sulphate	Quarterly	190	mg/L	N/A	N	



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5/12/2018	MB035 (Point 19)	1	Temperature (field)	Quarterly	17	deg c	N/A	N	
5/12/2018	MB035 (Point 19)	1	Total Dissolved Solids	Quarterly	610	mg/L	N/A	N	
5/12/2018	MB035 (Point 19)	1	Total Organic Carbon	Quarterly	14	mg/L	N/A	N	
5/12/2018	MB038 (Point 24)	1	Alkalinity (As Calcium Carbonate)	Quarterly	<5	mg/L	N/A	N	
5/12/2018	MB038 (Point 24)	1	Bicarbonate alkalinity	Quarterly	<5	mg/L	N/A	N	
5/12/2018	MB038 (Point 24)	1	Calcium (II) Ion	Quarterly	1	mg/L	N/A	N	
5/12/2018	MB038 (Point 24)	1	Chloride	Quarterly	130	mg/L	N/A	N	
5/12/2018	MB038 (Point 24)	1	Magnesium (II) Ion	Quarterly	11	mg/L	N/A	N	
5/12/2018	MB038 (Point 24)	1	Nitrate as N in water	Quarterly	0.02	mg/L	N/A	N	
5/12/2018	MB038 (Point 24)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
5/12/2018	MB038 (Point 24)	1	Ammonia as N	Quarterly	0.009	mg/L	N/A	N	
5/12/2018	MB038 (Point 24)	1	pH (field)	Quarterly	4.82	pH units	N/A	N	
5/12/2018	MB038 (Point 24)	1	Phosphorous	Quarterly	<0.05	mg/L	N/A	N	
5/12/2018	MB038 (Point 24)	1	Potassium (I) Ion	Quarterly	1.3	mg/L	N/A	N	
5/12/2018	MB038 (Point 24)	1	Redox (field)	Quarterly	238.2	mV	N/A	N	
5/12/2018	MB038 (Point 24)	1	Sodium (Na)	Quarterly	100	mg/L	N/A	N	
5/12/2018	MB038 (Point 24)	1	Standing Water Level	Quarterly	25.39	mBTOC	N/A	N	
5/12/2018	MB038 (Point 24)	1	Sulphate	Quarterly	21	mg/L	N/A	N	
5/12/2018	MB038 (Point 24)	1	Temperature (field)	Quarterly	19.1	deg c	N/A	N	
5/12/2018	MB038 (Point 24)	1	Total Dissolved Solids	Quarterly	240	mg/L	N/A	N	
5/12/2018	MB038 (Point 24)	1	Total Organic Carbon	Quarterly	5	mg/L	N/A	N	
5/12/2018	MB040 (Point 26)	1	Alkalinity (As Calcium Carbonate)	Quarterly	<5	mg/L	N/A	N	
5/12/2018	MB040 (Point 26)	1	Bicarbonate alkalinity	Quarterly	22	mg/L	N/A	N	
5/12/2018	MB040 (Point 26)	1	Calcium (II) Ion	Quarterly	4.4	mg/L	N/A	N	
5/12/2018	MB040 (Point 26)	1	Chloride	Quarterly	83	mg/L	N/A	N	
5/12/2018	MB040 (Point 26)	1	Magnesium (II) Ion	Quarterly	6.5	mg/L	N/A	N	
5/12/2018	MB040 (Point 26)	1	Nitrate as N in water	Quarterly	0.03	mg/L	N/A	N	
5/12/2018	MB040 (Point 26)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
5/12/2018	MB040 (Point 26)	1	Ammonia as N	Quarterly	0.1	mg/L	N/A	N	
5/12/2018	MB040 (Point 26)	1	pH (field)	Quarterly	6.01	pH units	N/A	N	
5/12/2018	MB040 (Point 26)	1	Phosphorous	Quarterly	0.09	mg/L	N/A	N	
5/12/2018	MB040 (Point 26)	1	Potassium (I) Ion	Quarterly	1.9	mg/L	N/A	N	
5/12/2018	MB040 (Point 26)	1	Redox (field)	Quarterly	91.1	mV	N/A	N	
5/12/2018	MB040 (Point 26)	1	Sodium (Na)	Quarterly	64	mg/L	N/A	N	
5/12/2018	MB040 (Point 26)	1	Standing Water Level	Quarterly	14.9	mBTOC	N/A	N	



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5/12/2018	MB040 (Point 26)	1	Sulphate	Quarterly	12	mg/L	N/A	N	
5/12/2018	MB040 (Point 26)	1	Temperature (field)	Quarterly	19.5	deg c	N/A	N	
5/12/2018	MB040 (Point 26)	1	Total Dissolved Solids	Quarterly	200	mg/L	N/A	N	
5/12/2018	MB040 (Point 26)	1	Total Organic Carbon	Quarterly	12	mg/L	N/A	N	
5/12/2018	MB044 (Point 45)	1	Alkalinity (As Calcium Carbonate)	Quarterly	<5	mg/L	N/A	N	
5/12/2018	MB044 (Point 45)	1	Bicarbonate alkalinity	Quarterly	26	mg/L	N/A	N	
5/12/2018	MB044 (Point 45)	1	Calcium (II) Ion	Quarterly	3.1	mg/L	N/A	N	
5/12/2018	MB044 (Point 45)	1	Chloride	Quarterly	71	mg/L	N/A	N	
5/12/2018	MB044 (Point 45)	1	Magnesium (II) Ion	Quarterly	9.2	mg/L	N/A	N	
5/12/2018	MB044 (Point 45)	1	Nitrate as N in water	Quarterly	0.009	mg/L	N/A	N	
5/12/2018	MB044 (Point 45)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
5/12/2018	MB044 (Point 45)	1	Ammonia as N	Quarterly	<0.005	mg/L	N/A	N	
5/12/2018	MB044 (Point 45)	1	pH (field)	Quarterly	5.09	pH units	N/A	N	
5/12/2018	MB044 (Point 45)	1	Phosphorous	Quarterly	<0.05	mg/L	N/A	N	
5/12/2018	MB044 (Point 45)	1	Potassium (I) Ion	Quarterly	1.4	mg/L	N/A	N	
5/12/2018	MB044 (Point 45)	1	Redox (field)	Quarterly	183.7	mV	N/A	N	
5/12/2018	MB044 (Point 45)	1	Sodium (Na)	Quarterly	42	mg/L	N/A	N	
5/12/2018	MB044 (Point 45)	1	Standing Water Level	Quarterly	21.88	mBTOC	N/A	N	
5/12/2018	MB044 (Point 45)	1	Sulphate	Quarterly	8	mg/L	N/A	N	
5/12/2018	MB044 (Point 45)	1	Temperature (field)	Quarterly	18.9	deg c	N/A	N	
5/12/2018	MB044 (Point 45)	1	Total Dissolved Solids	Quarterly	140	mg/L	N/A	N	
5/12/2018	MB044 (Point 45)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	
5/12/2018	MB045 (Point 46)	1	Alkalinity (As Calcium Carbonate)	Quarterly	<5	mg/L	N/A	N	
5/12/2018	MB045 (Point 46)	1	Bicarbonate alkalinity	Quarterly	27	mg/L	N/A	N	
5/12/2018	MB045 (Point 46)	1	Calcium (II) Ion	Quarterly	3	mg/L	N/A	N	
5/12/2018	MB045 (Point 46)	1	Chloride	Quarterly	72	mg/L	N/A	N	
5/12/2018	MB045 (Point 46)	1	Magnesium (II) Ion	Quarterly	10	mg/L	N/A	N	
5/12/2018	MB045 (Point 46)	1	Nitrate as N in water	Quarterly	0.01	mg/L	N/A	N	
5/12/2018	MB045 (Point 46)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
5/12/2018	MB045 (Point 46)	1	Ammonia as N	Quarterly	<0.005	mg/L	N/A	N	
5/12/2018	MB045 (Point 46)	1	pH (field)	Quarterly	5.16	pH units	N/A	N	
5/12/2018	MB045 (Point 46)	1	Phosphorous	Quarterly	<0.05	mg/L	N/A	N	
5/12/2018	MB045 (Point 46)	1	Potassium (I) Ion	Quarterly	1.4	mg/L	N/A	N	
5/12/2018	MB045 (Point 46)	1	Redox (field)	Quarterly	186.5	mV	N/A	N	
5/12/2018	MB045 (Point 46)	1	Sodium (Na)	Quarterly	40	mg/L	N/A	N	
5/12/2018	MB045 (Point 46)	1	Standing Water Level	Quarterly	15.7	mBTOC	N/A	N	
5/12/2018	MB045 (Point 46)	1	Sulphate	Quarterly	8	mg/L	N/A	N	
5/12/2018	MB045 (Point 46)	1	Temperature (field)	Quarterly	18.7	deg c	N/A	N	
5/12/2018	MB045 (Point 46)	1	Total Dissolved Solids	Quarterly	150	mg/L	N/A	N	
5/12/2018	MB045 (Point 46)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	
5/12/2018	MB305 (Point 16)	1	Alkalinity (As Calcium Carbonate)	Quarterly	<5	mg/L	N/A	N	
5/12/2018	MB305 (Point 16)	1	Bicarbonate alkalinity	Quarterly	62	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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<http://www.epa.nsw.gov.au/prpoeoapp/>

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
5/12/2018	MB305 (Point 16)	1	Calcium (II) Ion	Quarterly	9.6	mg/L	N/A	N	
5/12/2018	MB305 (Point 16)	1	Chloride	Quarterly	92	mg/L	N/A	N	
5/12/2018	MB305 (Point 16)	1	Magnesium (II) Ion	Quarterly	10	mg/L	N/A	N	
5/12/2018	MB305 (Point 16)	1	Nitrate as N in water	Quarterly	0.04	mg/L	N/A	N	
5/12/2018	MB305 (Point 16)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
5/12/2018	MB305 (Point 16)	1	Ammonia as N	Quarterly	0.12	mg/L	N/A	N	
5/12/2018	MB305 (Point 16)	1	pH (field)	Quarterly	5.85	pH units	N/A	N	
5/12/2018	MB305 (Point 16)	1	Phosphorous	Quarterly	0.2	mg/L	N/A	N	
5/12/2018	MB305 (Point 16)	1	Potassium (I) Ion	Quarterly	2.7	mg/L	N/A	N	
5/12/2018	MB305 (Point 16)	1	Redox (field)	Quarterly	20.6	mV	N/A	N	
5/12/2018	MB305 (Point 16)	1	Sodium (Na)	Quarterly	67	mg/L	N/A	N	
5/12/2018	MB305 (Point 16)	1	Standing Water Level	Quarterly	11.77	mBTOC	N/A	N	
5/12/2018	MB305 (Point 16)	1	Sulphate	Quarterly	12	mg/L	N/A	N	
5/12/2018	MB305 (Point 16)	1	Temperature (field)	Quarterly	17.6	deg c	N/A	N	
5/12/2018	MB305 (Point 16)	1	Total Dissolved Solids	Quarterly	230	mg/L	N/A	N	
5/12/2018	MB305 (Point 16)	1	Total Organic Carbon	Quarterly	4	mg/L	N/A	N	
5/12/2018	MB306 (Point 17)	1	Alkalinity (As Calcium Carbonate)	Quarterly	<5	mg/L	N/A	N	
5/12/2018	MB306 (Point 17)	1	Bicarbonate alkalinity	Quarterly	<5	mg/L	N/A	N	
5/12/2018	MB306 (Point 17)	1	Calcium (II) Ion	Quarterly	4.8	mg/L	N/A	N	
5/12/2018	MB306 (Point 17)	1	Chloride	Quarterly	100	mg/L	N/A	N	
5/12/2018	MB306 (Point 17)	1	Magnesium (II) Ion	Quarterly	7.9	mg/L	N/A	N	
5/12/2018	MB306 (Point 17)	1	Nitrate as N in water	Quarterly	0.29	mg/L	N/A	N	
5/12/2018	MB306 (Point 17)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
5/12/2018	MB306 (Point 17)	1	Ammonia as N	Quarterly	0.033	mg/L	N/A	N	
5/12/2018	MB306 (Point 17)	1	pH (field)	Quarterly	4.99	pH units	N/A	N	
5/12/2018	MB306 (Point 17)	1	Phosphorous	Quarterly	<0.05	mg/L	N/A	N	
5/12/2018	MB306 (Point 17)	1	Potassium (I) Ion	Quarterly	0.9	mg/L	N/A	N	
5/12/2018	MB306 (Point 17)	1	Redox (field)	Quarterly	216.1	mV	N/A	N	
5/12/2018	MB306 (Point 17)	1	Sodium (Na)	Quarterly	70	mg/L	N/A	N	
5/12/2018	MB306 (Point 17)	1	Standing Water Level	Quarterly	7.5	mBTOC	N/A	N	
5/12/2018	MB306 (Point 17)	1	Sulphate	Quarterly	16	mg/L	N/A	N	
5/12/2018	MB306 (Point 17)	1	Temperature (field)	Quarterly	17.6	deg c	N/A	N	
5/12/2018	MB306 (Point 17)	1	Total Dissolved Solids	Quarterly	200	mg/L	N/A	N	
5/12/2018	MB306 (Point 17)	1	Total Organic Carbon	Quarterly	6	mg/L	N/A	N	
5/12/2018	MB047 (Point 48)	1	Alkalinity (As Calcium Carbonate)	Quarterly	<5	mg/L	N/A	N	
5/12/2018	MB047 (Point 48)	1	Bicarbonate alkalinity	Quarterly	130	mg/L	N/A	N	
5/12/2018	MB047 (Point 48)	1	Calcium (II) Ion	Quarterly	34	mg/L	N/A	N	
5/12/2018	MB047 (Point 48)	1	Chloride	Quarterly	180	mg/L	N/A	N	
5/12/2018	MB047 (Point 48)	1	Magnesium (II) Ion	Quarterly	17	mg/L	N/A	N	
5/12/2018	MB047 (Point 48)	1	Nitrate as N in water	Quarterly	0.31	mg/L	N/A	N	
5/12/2018	MB047 (Point 48)	1	Nitrite as N in water	Quarterly	0.05	mg/L	N/A	N	
5/12/2018	MB047 (Point 48)	1	Ammonia as N	Quarterly	0.11	mg/L	N/A	N	
5/12/2018	MB047 (Point 48)	1	pH (field)	Quarterly	6.42	pH units	N/A	N	



Pollutant Monitoring Results - General Pollutant

Environmental Protection Licence Number: **5065**

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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
5/12/2018	MB047 (Point 48)	1	Phosphorous	Quarterly	0.3	mg/L	N/A	N	
5/12/2018	MB047 (Point 48)	1	Potassium (I) Ion	Quarterly	19	mg/L	N/A	N	
5/12/2018	MB047 (Point 48)	1	Redox (field)	Quarterly	-8.4	mV	N/A	N	
5/12/2018	MB047 (Point 48)	1	Sodium (Na)	Quarterly	160	mg/L	N/A	N	
5/12/2018	MB047 (Point 48)	1	Standing Water Level	Quarterly	32.29	mBTOC	N/A	N	
5/12/2018	MB047 (Point 48)	1	Sulphate	Quarterly	26	mg/L	N/A	N	
5/12/2018	MB047 (Point 48)	1	Temperature (field)	Quarterly	18.6	deg c	N/A	N	
5/12/2018	MB047 (Point 48)	1	Total Dissolved Solids	Quarterly	490	mg/L	N/A	N	
5/12/2018	MB047 (Point 48)	1	Total Organic Carbon	Quarterly	12	mg/L	N/A	N	
5/12/2018	MB046 (Point 47)	1	Alkalinity (As Calcium Carbonate)	Quarterly	<5	mg/L	N/A	N	
5/12/2018	MB046 (Point 47)	1	Bicarbonate alkalinity	Quarterly	72	mg/L	N/A	N	
5/12/2018	MB046 (Point 47)	1	Calcium (II) Ion	Quarterly	16	mg/L	N/A	N	
5/12/2018	MB046 (Point 47)	1	Chloride	Quarterly	400	mg/L	N/A	N	
5/12/2018	MB046 (Point 47)	1	Magnesium (II) Ion	Quarterly	42	mg/L	N/A	N	
5/12/2018	MB046 (Point 47)	1	Nitrate as N in water	Quarterly	0.03	mg/L	N/A	N	
5/12/2018	MB046 (Point 47)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
5/12/2018	MB046 (Point 47)	1	Ammonia as N	Quarterly	0.27	mg/L	N/A	N	
5/12/2018	MB046 (Point 47)	1	pH (field)	Quarterly	6.31	pH units	N/A	N	
5/12/2018	MB046 (Point 47)	1	Phosphorous	Quarterly	0.08	mg/L	N/A	N	
5/12/2018	MB046 (Point 47)	1	Potassium (I) Ion	Quarterly	5	mg/L	N/A	N	
5/12/2018	MB046 (Point 47)	1	Redox (field)	Quarterly	38	mV	N/A	N	
5/12/2018	MB046 (Point 47)	1	Sodium (Na)	Quarterly	290	mg/L	N/A	N	
5/12/2018	MB046 (Point 47)	1	Standing Water Level	Quarterly	22.27	mBTOC	N/A	N	
5/12/2018	MB046 (Point 47)	1	Sulphate	Quarterly	34	mg/L	N/A	N	
5/12/2018	MB046 (Point 47)	1	Temperature (field)	Quarterly	18.9	deg c	N/A	N	
5/12/2018	MB046 (Point 47)	1	Total Dissolved Solids	Quarterly	850	mg/L	N/A	N	
5/12/2018	MB046 (Point 47)	1	Total Organic Carbon	Quarterly	12	mg/L	N/A	N	