



## 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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Public Register  
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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
17/06/2021	MB008 (Point 4)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	16	mg/L	N/A	N	
17/06/2021	MB008 (Point 4)	1	Bicarbonate Alkalinity	Quarterly	16	mg/L	N/A	N	
17/06/2021	MB008 (Point 4)	1	Calcium (II) Ion	Quarterly	2	mg/L	N/A	N	
17/06/2021	MB008 (Point 4)	1	Chloride	Quarterly	79	mg/L	N/A	N	
17/06/2021	MB008 (Point 4)	1	Magnesium (II) Ion	Quarterly	8.7	mg/L	N/A	N	
17/06/2021	MB008 (Point 4)	1	Nitrate as N in water	Quarterly	0.01	mg/L	N/A	N	
17/06/2021	MB008 (Point 4)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
17/06/2021	MB008 (Point 4)	1	Ammonia as N	Quarterly	<0.005	mg/L	N/A	N	
17/06/2021	MB008 (Point 4)	1	pH (field)	Quarterly	5.59	pH units	N/A	N	
17/06/2021	MB008 (Point 4)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
17/06/2021	MB008 (Point 4)	1	Potassium (I) Ion	Quarterly	1	mg/L	N/A	N	
17/06/2021	MB008 (Point 4)	1	Redox (field)	Quarterly	nt	mV	N/A	N	
17/06/2021	MB008 (Point 4)	1	Sodium (Na)	Quarterly	33	mg/L	N/A	N	
17/06/2021	MB008 (Point 4)	1	Standing Water Level	Quarterly	16.28	mBTOC	N/A	N	
17/06/2021	MB008 (Point 4)	1	Sulphate	Quarterly	9	mg/L	N/A	N	
17/06/2021	MB008 (Point 4)	1	Temperature (field)	Quarterly	18	deg c	N/A	N	
17/06/2021	MB008 (Point 4)	1	Total Dissolved Solids	Quarterly	160	mg/L	N/A	N	
17/06/2021	MB008 (Point 4)	1	Total Organic Carbon	Quarterly	3	mg/L	N/A	N	
17/06/2021	MB023 (Point 44)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	66	mg/L	N/A	N	
17/06/2021	MB023 (Point 44)	1	Bicarbonate Alkalinity	Quarterly	66	mg/L	N/A	N	
17/06/2021	MB023 (Point 44)	1	Calcium (II) Ion	Quarterly	22	mg/L	N/A	N	
17/06/2021	MB023 (Point 44)	1	Chloride	Quarterly	1900	mg/L	N/A	N	
17/06/2021	MB023 (Point 44)	1	Magnesium (II) Ion	Quarterly	110	mg/L	N/A	N	
17/06/2021	MB023 (Point 44)	1	Nitrate as N in water	Quarterly	<0.005	mg/L	N/A	N	
17/06/2021	MB023 (Point 44)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
17/06/2021	MB023 (Point 44)	1	Ammonia as N	Quarterly	0.093	mg/L	N/A	N	
17/06/2021	MB023 (Point 44)	1	pH (field)	Quarterly	5.42	pH units	N/A	N	
17/06/2021	MB023 (Point 44)	1	Phosphorus	Quarterly	8	mg/L	N/A	N	
17/06/2021	MB023 (Point 44)	1	Potassium (I) Ion	Quarterly	26	mg/L	N/A	N	
17/06/2021	MB023 (Point 44)	1	Redox (field)	Quarterly	nt	mV	N/A	N	
17/06/2021	MB023 (Point 44)	1	Sodium (Na)	Quarterly	1100	mg/L	N/A	N	
17/06/2021	MB023 (Point 44)	1	Standing Water Level	Quarterly	7.23	mBTOC	N/A	N	
17/06/2021	MB023 (Point 44)	1	Sulphate	Quarterly	250	mg/L	N/A	N	
17/06/2021	MB023 (Point 44)	1	Temperature (field)	Quarterly	16.9	deg c	N/A	N	
17/06/2021	MB023 (Point 44)	1	Total Dissolved Solids	Quarterly	3600	mg/L	N/A	N	
17/06/2021	MB023 (Point 44)	1	Total Organic Carbon	Quarterly	400	mg/L	N/A	N	
17/06/2021	MB032 (Point 7)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	52	mg/L	N/A	N	



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17/06/2021	MB032 (Point 7)	1	Bicarbonate Alkalinity	Quarterly	52	mg/L	N/A	N	
17/06/2021	MB032 (Point 7)	1	Calcium (II) Ion	Quarterly	6.9	mg/L	N/A	N	
17/06/2021	MB032 (Point 7)	1	Chloride	Quarterly	100	mg/L	N/A	N	
17/06/2021	MB032 (Point 7)	1	Magnesium (II) Ion	Quarterly	12	mg/L	N/A	N	
17/06/2021	MB032 (Point 7)	1	Nitrate as N in water	Quarterly	0.02	mg/L	N/A	N	
17/06/2021	MB032 (Point 7)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
17/06/2021	MB032 (Point 7)	1	Ammonia as N	Quarterly	0.073	mg/L	N/A	N	
17/06/2021	MB032 (Point 7)	1	pH (field)	Quarterly	5.93	pH units	N/A	N	
17/06/2021	MB032 (Point 7)	1	Phosphorus	Quarterly	0.4	mg/L	N/A	N	
17/06/2021	MB032 (Point 7)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
17/06/2021	MB032 (Point 7)	1	Redox (field)	Quarterly	191	mV	N/A	N	
17/06/2021	MB032 (Point 7)	1	Sodium (Na)	Quarterly	43	mg/L	N/A	N	
17/06/2021	MB032 (Point 7)	1	Standing Water Level	Quarterly	12.07	mBTOC	N/A	N	
17/06/2021	MB032 (Point 7)	1	Sulphate	Quarterly	12	mg/L	N/A	N	
17/06/2021	MB032 (Point 7)	1	Temperature (field)	Quarterly	9	deg c	N/A	N	
17/06/2021	MB032 (Point 7)	1	Total Dissolved Solids	Quarterly	220	mg/L	N/A	N	
17/06/2021	MB032 (Point 7)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	
17/06/2021	MB033 (Point 18)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	63	mg/L	N/A	N	
17/06/2021	MB033 (Point 18)	1	Bicarbonate Alkalinity	Quarterly	63	mg/L	N/A	N	
17/06/2021	MB033 (Point 18)	1	Calcium (II) Ion	Quarterly	6.8	mg/L	N/A	N	
17/06/2021	MB033 (Point 18)	1	Chloride	Quarterly	100	mg/L	N/A	N	
17/06/2021	MB033 (Point 18)	1	Magnesium (II) Ion	Quarterly	11	mg/L	N/A	N	
17/06/2021	MB033 (Point 18)	1	Nitrate as N in water	Quarterly	0.01	mg/L	N/A	N	
17/06/2021	MB033 (Point 18)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
17/06/2021	MB033 (Point 18)	1	Ammonia as N	Quarterly	0.047	mg/L	N/A	N	
17/06/2021	MB033 (Point 18)	1	pH (field)	Quarterly	5.93	pH units	N/A	N	
17/06/2021	MB033 (Point 18)	1	Phosphorus	Quarterly	0.06	mg/L	N/A	N	
17/06/2021	MB033 (Point 18)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
17/06/2021	MB033 (Point 18)	1	Redox (field)	Quarterly	200	mV	N/A	N	
17/06/2021	MB033 (Point 18)	1	Sodium (Na)	Quarterly	45	mg/L	N/A	N	
17/06/2021	MB033 (Point 18)	1	Standing Water Level	Quarterly	4.99	mBTOC	N/A	N	
17/06/2021	MB033 (Point 18)	1	Sulphate	Quarterly	7	mg/L	N/A	N	
17/06/2021	MB033 (Point 18)	1	Temperature (field)	Quarterly	15	deg c	N/A	N	
17/06/2021	MB033 (Point 18)	1	Total Dissolved Solids	Quarterly	220	mg/L	N/A	N	
17/06/2021	MB033 (Point 18)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	
17/06/2021	MB034 (Point 8)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	12	mg/L	N/A	N	
17/06/2021	MB034 (Point 8)	1	Bicarbonate Alkalinity	Quarterly	12	mg/L	N/A	N	
17/06/2021	MB034 (Point 8)	1	Calcium (II) Ion	Quarterly	2	mg/L	N/A	N	



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17/06/2021	MB034 (Point 8)	1	Chloride	Quarterly	100	mg/L	N/A	N	
17/06/2021	MB034 (Point 8)	1	Magnesium (II) Ion	Quarterly	7.6	mg/L	N/A	N	
17/06/2021	MB034 (Point 8)	1	Nitrate as N in water	Quarterly	0.063	mg/L	N/A	N	
17/06/2021	MB034 (Point 8)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
17/06/2021	MB034 (Point 8)	1	Ammonia as N	Quarterly	<0.005	mg/L	N/A	N	
17/06/2021	MB034 (Point 8)	1	pH (field)	Quarterly	5.12	pH units	N/A	N	
17/06/2021	MB034 (Point 8)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
17/06/2021	MB034 (Point 8)	1	Potassium (I) Ion	Quarterly	1	mg/L	N/A	N	
17/06/2021	MB034 (Point 8)	1	Redox (field)	Quarterly	214	mV	N/A	N	
17/06/2021	MB034 (Point 8)	1	Sodium (Na)	Quarterly	46	mg/L	N/A	N	
17/06/2021	MB034 (Point 8)	1	Standing Water Level	Quarterly	3.79	mBTOC	N/A	N	
17/06/2021	MB034 (Point 8)	1	Sulphate	Quarterly	11	mg/L	N/A	N	
17/06/2021	MB034 (Point 8)	1	Temperature (field)	Quarterly	16.3	deg c	N/A	N	
17/06/2021	MB034 (Point 8)	1	Total Dissolved Solids	Quarterly	200	mg/L	N/A	N	
17/06/2021	MB034 (Point 8)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	
17/06/2021	MB035 (Point 19)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	<5	mg/L	N/A	N	
17/06/2021	MB035 (Point 19)	1	Bicarbonate Alkalinity	Quarterly	<5	mg/L	N/A	N	
17/06/2021	MB035 (Point 19)	1	Calcium (II) Ion	Quarterly	2	mg/L	N/A	N	
17/06/2021	MB035 (Point 19)	1	Chloride	Quarterly	97	mg/L	N/A	N	
17/06/2021	MB035 (Point 19)	1	Magnesium (II) Ion	Quarterly	6.5	mg/L	N/A	N	
17/06/2021	MB035 (Point 19)	1	Nitrate as N in water	Quarterly	0.009	mg/L	N/A	N	
17/06/2021	MB035 (Point 19)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
17/06/2021	MB035 (Point 19)	1	Ammonia as N	Quarterly	0.026	mg/L	N/A	N	
17/06/2021	MB035 (Point 19)	1	pH (field)	Quarterly	4.1	pH units	N/A	N	
17/06/2021	MB035 (Point 19)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
17/06/2021	MB035 (Point 19)	1	Potassium (I) Ion	Quarterly	1	mg/L	N/A	N	
17/06/2021	MB035 (Point 19)	1	Redox (field)	Quarterly	326	mV	N/A	N	
17/06/2021	MB035 (Point 19)	1	Sodium (Na)	Quarterly	42	mg/L	N/A	N	
17/06/2021	MB035 (Point 19)	1	Standing Water Level	Quarterly	2.67	mBTOC	N/A	N	
17/06/2021	MB035 (Point 19)	1	Sulphate	Quarterly	16	mg/L	N/A	N	
17/06/2021	MB035 (Point 19)	1	Temperature (field)	Quarterly	16.7	deg c	N/A	N	
17/06/2021	MB035 (Point 19)	1	Total Dissolved Solids	Quarterly	240	mg/L	N/A	N	
17/06/2021	MB035 (Point 19)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	
17/06/2021	MB038 (Point 24)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	7	mg/L	N/A	N	
17/06/2021	MB038 (Point 24)	1	Bicarbonate Alkalinity	Quarterly	7	mg/L	N/A	N	
17/06/2021	MB038 (Point 24)	1	Calcium (II) Ion	Quarterly	1	mg/L	N/A	N	
17/06/2021	MB038 (Point 24)	1	Chloride	Quarterly	140	mg/L	N/A	N	
17/06/2021	MB038 (Point 24)	1	Magnesium (II) Ion	Quarterly	10	mg/L	N/A	N	



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17/06/2021	MB038 (Point 24)	1	Nitrate as N in water	Quarterly	0.01	mg/L	N/A	N	
17/06/2021	MB038 (Point 24)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
17/06/2021	MB038 (Point 24)	1	Ammonia as N	Quarterly	0.013	mg/L	N/A	N	
17/06/2021	MB038 (Point 24)	1	pH (field)	Quarterly	4.79	pH units	N/A	N	
17/06/2021	MB038 (Point 24)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
17/06/2021	MB038 (Point 24)	1	Potassium (I) Ion	Quarterly	1	mg/L	N/A	N	
17/06/2021	MB038 (Point 24)	1	Redox (field)	Quarterly	444	mV	N/A	N	
17/06/2021	MB038 (Point 24)	1	Sodium (Na)	Quarterly	68	mg/L	N/A	N	
17/06/2021	MB038 (Point 24)	1	Standing Water Level	Quarterly	22.12	mBTOC	N/A	N	
17/06/2021	MB038 (Point 24)	1	Sulphate	Quarterly	18	mg/L	N/A	N	
17/06/2021	MB038 (Point 24)	1	Temperature (field)	Quarterly	16.8	deg c	N/A	N	
17/06/2021	MB038 (Point 24)	1	Total Dissolved Solids	Quarterly	280	mg/L	N/A	N	
17/06/2021	MB038 (Point 24)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	
17/06/2021	MB040 (Point 26)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	22	mg/L	N/A	N	
17/06/2021	MB040 (Point 26)	1	Bicarbonate Alkalinity	Quarterly	22	mg/L	N/A	N	
17/06/2021	MB040 (Point 26)	1	Calcium (II) Ion	Quarterly	2	mg/L	N/A	N	
17/06/2021	MB040 (Point 26)	1	Chloride	Quarterly	87	mg/L	N/A	N	
17/06/2021	MB040 (Point 26)	1	Magnesium (II) Ion	Quarterly	5.6	mg/L	N/A	N	
17/06/2021	MB040 (Point 26)	1	Nitrate as N in water	Quarterly	0.056	mg/L	N/A	N	
17/06/2021	MB040 (Point 26)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
17/06/2021	MB040 (Point 26)	1	Ammonia as N	Quarterly	0.022	mg/L	N/A	N	
17/06/2021	MB040 (Point 26)	1	pH (field)	Quarterly	4.92	pH units	N/A	N	
17/06/2021	MB040 (Point 26)	1	Phosphorus	Quarterly	0.1	mg/L	N/A	N	
17/06/2021	MB040 (Point 26)	1	Potassium (I) Ion	Quarterly	1	mg/L	N/A	N	
17/06/2021	MB040 (Point 26)	1	Redox (field)	Quarterly	162	mV	N/A	N	
17/06/2021	MB040 (Point 26)	1	Sodium (Na)	Quarterly	46	mg/L	N/A	N	
17/06/2021	MB040 (Point 26)	1	Standing Water Level	Quarterly	12.46	mBTOC	N/A	N	
17/06/2021	MB040 (Point 26)	1	Sulphate	Quarterly	13	mg/L	N/A	N	
17/06/2021	MB040 (Point 26)	1	Temperature (field)	Quarterly	18	deg c	N/A	N	
17/06/2021	MB040 (Point 26)	1	Total Dissolved Solids	Quarterly	170	mg/L	N/A	N	
17/06/2021	MB040 (Point 26)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	
17/06/2021	MB044 (Point 45)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	26	mg/L	N/A	N	
17/06/2021	MB044 (Point 45)	1	Bicarbonate Alkalinity	Quarterly	26	mg/L	N/A	N	
17/06/2021	MB044 (Point 45)	1	Calcium (II) Ion	Quarterly	3	mg/L	N/A	N	
17/06/2021	MB044 (Point 45)	1	Chloride	Quarterly	72	mg/L	N/A	N	
17/06/2021	MB044 (Point 45)	1	Magnesium (II) Ion	Quarterly	8.2	mg/L	N/A	N	
17/06/2021	MB044 (Point 45)	1	Nitrate as N in water	Quarterly	0.01	mg/L	N/A	N	
17/06/2021	MB044 (Point 45)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	



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17/06/2021	MB044 (Point 45)	1	Ammonia as N	Quarterly	0.011	mg/L	N/A	N	
17/06/2021	MB044 (Point 45)	1	pH (field)	Quarterly	5.27	pH units	N/A	N	
17/06/2021	MB044 (Point 45)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
17/06/2021	MB044 (Point 45)	1	Potassium (I) Ion	Quarterly	1	mg/L	N/A	N	
17/06/2021	MB044 (Point 45)	1	Redox (field)	Quarterly	260	mV	N/A	N	
17/06/2021	MB044 (Point 45)	1	Sodium (Na)	Quarterly	33	mg/L	N/A	N	
17/06/2021	MB044 (Point 45)	1	Standing Water Level	Quarterly	20.65	mBTC	N/A	N	
17/06/2021	MB044 (Point 45)	1	Sulphate	Quarterly	8	mg/L	N/A	N	
17/06/2021	MB044 (Point 45)	1	Temperature (field)	Quarterly	16.6	deg c	N/A	N	
17/06/2021	MB044 (Point 45)	1	Total Dissolved Solids	Quarterly	150	mg/L	N/A	N	
17/06/2021	MB044 (Point 45)	1	Total Organic Carbon	Quarterly	<1	mg/L	N/A	N	
17/06/2021	MB045 (Point 46)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	25	mg/L	N/A	N	
17/06/2021	MB045 (Point 46)	1	Bicarbonate Alkalinity	Quarterly	25	mg/L	N/A	N	
17/06/2021	MB045 (Point 46)	1	Calcium (II) Ion	Quarterly	3	mg/L	N/A	N	
17/06/2021	MB045 (Point 46)	1	Chloride	Quarterly	75	mg/L	N/A	N	
17/06/2021	MB045 (Point 46)	1	Magnesium (II) Ion	Quarterly	9.9	mg/L	N/A	N	
17/06/2021	MB045 (Point 46)	1	Nitrate as N in water	Quarterly	0.04	mg/L	N/A	N	
17/06/2021	MB045 (Point 46)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
17/06/2021	MB045 (Point 46)	1	Ammonia as N	Quarterly	0.011	mg/L	N/A	N	
17/06/2021	MB045 (Point 46)	1	pH (field)	Quarterly	5.54	pH units	N/A	N	
17/06/2021	MB045 (Point 46)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
17/06/2021	MB045 (Point 46)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
17/06/2021	MB045 (Point 46)	1	Redox (field)	Quarterly	250	mV	N/A	N	
17/06/2021	MB045 (Point 46)	1	Sodium (Na)	Quarterly	33	mg/L	N/A	N	
17/06/2021	MB045 (Point 46)	1	Standing Water Level	Quarterly	16.3	mBTC	N/A	N	
17/06/2021	MB045 (Point 46)	1	Sulphate	Quarterly	8	mg/L	N/A	N	
17/06/2021	MB045 (Point 46)	1	Temperature (field)	Quarterly	18.1	deg c	N/A	N	
17/06/2021	MB045 (Point 46)	1	Total Dissolved Solids	Quarterly	160	mg/L	N/A	N	
17/06/2021	MB045 (Point 46)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	
17/06/2021	MB305 (Point 16)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	25	mg/L	N/A	N	
17/06/2021	MB305 (Point 16)	1	Bicarbonate Alkalinity	Quarterly	25	mg/L	N/A	N	
17/06/2021	MB305 (Point 16)	1	Calcium (II) Ion	Quarterly	3	mg/L	N/A	N	
17/06/2021	MB305 (Point 16)	1	Chloride	Quarterly	75	mg/L	N/A	N	
17/06/2021	MB305 (Point 16)	1	Magnesium (II) Ion	Quarterly	9.9	mg/L	N/A	N	
17/06/2021	MB305 (Point 16)	1	Nitrate as N in water	Quarterly	0.04	mg/L	N/A	N	
17/06/2021	MB305 (Point 16)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
17/06/2021	MB305 (Point 16)	1	Ammonia as N	Quarterly	0.011	mg/L	N/A	N	
17/06/2021	MB305 (Point 16)	1	pH (field)	Quarterly	5.54	pH units	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 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
17/06/2021	MB305 (Point 16)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
17/06/2021	MB305 (Point 16)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
17/06/2021	MB305 (Point 16)	1	Redox (field)	Quarterly	250	mV	N/A	N	
17/06/2021	MB305 (Point 16)	1	Sodium (Na)	Quarterly	33	mg/L	N/A	N	
17/06/2021	MB305 (Point 16)	1	Standing Water Level	Quarterly	16.3	mBTOC	N/A	N	
17/06/2021	MB305 (Point 16)	1	Sulphate	Quarterly	8	mg/L	N/A	N	
17/06/2021	MB305 (Point 16)	1	Temperature (field)	Quarterly	18.1	deg c	N/A	N	
17/06/2021	MB305 (Point 16)	1	Total Dissolved Solids	Quarterly	160	mg/L	N/A	N	
17/06/2021	MB305 (Point 16)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	
17/06/2021	MB306 (Point 17)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	<5	mg/L	N/A	N	
17/06/2021	MB306 (Point 17)	1	Bicarbonate Alkalinity	Quarterly	<5	mg/L	N/A	N	
17/06/2021	MB306 (Point 17)	1	Calcium (II) Ion	Quarterly	3	mg/L	N/A	N	
17/06/2021	MB306 (Point 17)	1	Chloride	Quarterly	110	mg/L	N/A	N	
17/06/2021	MB306 (Point 17)	1	Magnesium (II) Ion	Quarterly	7.1	mg/L	N/A	N	
17/06/2021	MB306 (Point 17)	1	Nitrate as N in water	Quarterly	0.28	mg/L	N/A	N	
17/06/2021	MB306 (Point 17)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
17/06/2021	MB306 (Point 17)	1	Ammonia as N	Quarterly	0.03	mg/L	N/A	N	
17/06/2021	MB306 (Point 17)	1	pH (field)	Quarterly	4.11	pH units	N/A	N	
17/06/2021	MB306 (Point 17)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
17/06/2021	MB306 (Point 17)	1	Potassium (I) Ion	Quarterly	0.7	mg/L	N/A	N	
17/06/2021	MB306 (Point 17)	1	Redox (field)	Quarterly	370	mV	N/A	N	
17/06/2021	MB306 (Point 17)	1	Sodium (Na)	Quarterly	50	mg/L	N/A	N	
17/06/2021	MB306 (Point 17)	1	Standing Water Level	Quarterly	6.05	mBTOC	N/A	N	
17/06/2021	MB306 (Point 17)	1	Sulphate	Quarterly	14	mg/L	N/A	N	
17/06/2021	MB306 (Point 17)	1	Temperature (field)	Quarterly	16.9	deg c	N/A	N	
17/06/2021	MB306 (Point 17)	1	Total Dissolved Solids	Quarterly	220	mg/L	N/A	N	
17/06/2021	MB306 (Point 17)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	
17/06/2021	MB047 (Point 48)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	73	mg/L	N/A	N	
17/06/2021	MB047 (Point 48)	1	Bicarbonate Alkalinity	Quarterly	73	mg/L	N/A	N	
17/06/2021	MB047 (Point 48)	1	Calcium (II) Ion	Quarterly	5.2	mg/L	N/A	N	
17/06/2021	MB047 (Point 48)	1	Chloride	Quarterly	170	mg/L	N/A	N	
17/06/2021	MB047 (Point 48)	1	Magnesium (II) Ion	Quarterly	15	mg/L	N/A	N	
17/06/2021	MB047 (Point 48)	1	Nitrate as N in water	Quarterly	0.009	mg/L	N/A	N	
17/06/2021	MB047 (Point 48)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
17/06/2021	MB047 (Point 48)	1	Ammonia as N	Quarterly	0.019	mg/L	N/A	N	
17/06/2021	MB047 (Point 48)	1	pH (field)	Quarterly	5.56	pH units	N/A	N	
17/06/2021	MB047 (Point 48)	1	Phosphorus	Quarterly	0.2	mg/L	N/A	N	
17/06/2021	MB047 (Point 48)	1	Potassium (I) Ion	Quarterly	4	mg/L	N/A	N	



## Pollutant Monitoring Results - General Pollutant

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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
17/06/2021	MB047 (Point 48)	1	Redox (field)	Quarterly	293	mV	N/A	N	
17/06/2021	MB047 (Point 48)	1	Sodium (Na)	Quarterly	110	mg/L	N/A	N	
17/06/2021	MB047 (Point 48)	1	Standing Water Level	Quarterly	30.8	mBTOC	N/A	N	
17/06/2021	MB047 (Point 48)	1	Sulphate	Quarterly	22	mg/L	N/A	N	
17/06/2021	MB047 (Point 48)	1	Temperature (field)	Quarterly	13.9	deg c	N/A	N	
17/06/2021	MB047 (Point 48)	1	Total Dissolved Solids	Quarterly	380	mg/L	N/A	N	
17/06/2021	MB047 (Point 48)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	
17/06/2021	MB046 (Point 47)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	67	mg/L	N/A	N	
17/06/2021	MB046 (Point 47)	1	Bicarbonate Alkalinity	Quarterly	67	mg/L	N/A	N	
17/06/2021	MB046 (Point 47)	1	Calcium (II) Ion	Quarterly	14	mg/L	N/A	N	
17/06/2021	MB046 (Point 47)	1	Chloride	Quarterly	380	mg/L	N/A	N	
17/06/2021	MB046 (Point 47)	1	Magnesium (II) Ion	Quarterly	38	mg/L	N/A	N	
17/06/2021	MB046 (Point 47)	1	Nitrate as N in water	Quarterly	0.02	mg/L	N/A	N	
17/06/2021	MB046 (Point 47)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
17/06/2021	MB046 (Point 47)	1	Ammonia as N	Quarterly	0.011	mg/L	N/A	N	
17/06/2021	MB046 (Point 47)	1	pH (field)	Quarterly	5.63	pH units	N/A	N	
17/06/2021	MB046 (Point 47)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
17/06/2021	MB046 (Point 47)	1	Potassium (I) Ion	Quarterly	3	mg/L	N/A	N	
17/06/2021	MB046 (Point 47)	1	Redox (field)	Quarterly	183	mV	N/A	N	
17/06/2021	MB046 (Point 47)	1	Sodium (Na)	Quarterly	220	mg/L	N/A	N	
17/06/2021	MB046 (Point 47)	1	Standing Water Level	Quarterly	22.17	mBTOC	N/A	N	
17/06/2021	MB046 (Point 47)	1	Sulphate	Quarterly	33	mg/L	N/A	N	
17/06/2021	MB046 (Point 47)	1	Temperature (field)	Quarterly	16.7	deg c	N/A	N	
17/06/2021	MB046 (Point 47)	1	Total Dissolved Solids	Quarterly	730	mg/L	N/A	N	
17/06/2021	MB046 (Point 47)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	
17/06/2021	MB048 (Point 49)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	110	mg/L	N/A	N	
17/06/2021	MB048 (Point 49)	1	Bicarbonate Alkalinity	Quarterly	110	mg/L	N/A	N	
17/06/2021	MB048 (Point 49)	1	Calcium (II) Ion	Quarterly	41	mg/L	N/A	N	
17/06/2021	MB048 (Point 49)	1	Chloride	Quarterly	210	mg/L	N/A	N	
17/06/2021	MB048 (Point 49)	1	Magnesium (II) Ion	Quarterly	24	mg/L	N/A	N	
17/06/2021	MB048 (Point 49)	1	Nitrate as N in water	Quarterly	0.58	mg/L	N/A	N	
17/06/2021	MB048 (Point 49)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
17/06/2021	MB048 (Point 49)	1	Ammonia as N	Quarterly	0.014	mg/L	N/A	N	
17/06/2021	MB048 (Point 49)	1	pH (field)	Quarterly	5.99	pH units	N/A	N	
17/06/2021	MB048 (Point 49)	1	Phosphorus	Quarterly	0.2	mg/L	N/A	N	
17/06/2021	MB048 (Point 49)	1	Potassium (I) Ion	Quarterly	3	mg/L	N/A	N	
17/06/2021	MB048 (Point 49)	1	Redox (field)	Quarterly	258	mV	N/A	N	
17/06/2021	MB048 (Point 49)	1	Sodium (Na)	Quarterly	100	mg/L	N/A	N	
17/06/2021	MB048 (Point 49)	1	Standing Water Level	Quarterly	19.19	mBTOC	N/A	N	



## Pollutant Monitoring Results - General Pollutant

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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
17/06/2021	MB048 (Point 49)	1	Sulphate	Quarterly	36	mg/L	N/A	N	
17/06/2021	MB048 (Point 49)	1	Temperature (field)	Quarterly	17.7	deg c	N/A	N	
17/06/2021	MB048 (Point 49)	1	Total Dissolved Solids	Quarterly	530	mg/L	N/A	N	
17/06/2021	MB048 (Point 49)	1	Total Organic Carbon	Quarterly	4	mg/L	N/A	N	
17/06/2021	MB049 (Point 50)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	280	mg/L	N/A	N	
17/06/2021	MB049 (Point 50)	1	Bicarbonate Alkalinity	Quarterly	280	mg/L	N/A	N	
17/06/2021	MB049 (Point 50)	1	Calcium (II) Ion	Quarterly	39	mg/L	N/A	N	
17/06/2021	MB049 (Point 50)	1	Chloride	Quarterly	130	mg/L	N/A	N	
17/06/2021	MB049 (Point 50)	1	Magnesium (II) Ion	Quarterly	22	mg/L	N/A	N	
17/06/2021	MB049 (Point 50)	1	Nitrate as N in water	Quarterly	0.05	mg/L	N/A	N	
17/06/2021	MB049 (Point 50)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
17/06/2021	MB049 (Point 50)	1	Ammonia as N	Quarterly	0.023	mg/L	N/A	N	
17/06/2021	MB049 (Point 50)	1	pH (field)	Quarterly	6.66	pH units	N/A	N	
17/06/2021	MB049 (Point 50)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
17/06/2021	MB049 (Point 50)	1	Potassium (I) Ion	Quarterly	4	mg/L	N/A	N	
17/06/2021	MB049 (Point 50)	1	Redox (field)	Quarterly	79	mV	N/A	N	
17/06/2021	MB049 (Point 50)	1	Sodium (Na)	Quarterly	180	mg/L	N/A	N	
17/06/2021	MB049 (Point 50)	1	Standing Water Level	Quarterly	20.72	mBTOC	N/A	N	
17/06/2021	MB049 (Point 50)	1	Sulphate	Quarterly	140	mg/L	N/A	N	
17/06/2021	MB049 (Point 50)	1	Temperature (field)	Quarterly	18.4	deg c	N/A	N	
17/06/2021	MB049 (Point 50)	1	Total Dissolved Solids	Quarterly	670	mg/L	N/A	N	
17/06/2021	MB049 (Point 50)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	