

### Pollutant Monitoring Results - General Pollutant

Environment Protection Licence Number: **5065**

Licensee Name: **Lucas Heights Resource Recovery Park**

Facility Address: **New Illawarra Rd Lucas Heights, NSW 2234**

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Period - October - December 2022

Date Monitoring Data Uploaded	Date Monitoring Data Obtained	Date Monitored	Sampling Point as per Licence	No. of times measured during reporting period	Pollutant	Monitoring Frequency Required by licence	Actual Value	Unit	Pollutant limit as per Licence	Exceedance (Y/N or NA)	Comments
11 May 23	13 Apr 23	02 Mar 23	MB008 (Point 4)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	14	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB008 (Point 4)	1	Bicarbonate Alkalinity	Quarterly	14	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB008 (Point 4)	1	Calcium (II) Ion	Quarterly	3	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB008 (Point 4)	1	Chloride	Quarterly	83	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB008 (Point 4)	1	Magnesium (II) Ion	Quarterly	8.3	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB008 (Point 4)	1	Nitrate as N in water	Quarterly	0.006	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB008 (Point 4)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB008 (Point 4)	1	Ammonia as N	Quarterly	0.096	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB008 (Point 4)	1	pH (field)	Quarterly	5.2	pH units	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB008 (Point 4)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB008 (Point 4)	1	Potassium (I) Ion	Quarterly	1	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB008 (Point 4)	1	Redox (field)	Quarterly	93.6	mV	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB008 (Point 4)	1	Sodium (Na)	Quarterly	35	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB008 (Point 4)	1	Standing Water Level	Quarterly	15.02	mBTOC	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB008 (Point 4)	1	Sulphate	Quarterly	9	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB008 (Point 4)	1	Temperature (field)	Quarterly	19	deg c	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB008 (Point 4)	1	Total Dissolved Solids	Quarterly	180	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB008 (Point 4)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB023 (Point 44)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	68	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB023 (Point 44)	1	Bicarbonate Alkalinity	Quarterly	68	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB023 (Point 44)	1	Calcium (II) Ion	Quarterly	17	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB023 (Point 44)	1	Chloride	Quarterly	2000	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB023 (Point 44)	1	Magnesium (II) Ion	Quarterly	95	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB023 (Point 44)	1	Nitrate as N in water	Quarterly	<0.005	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB023 (Point 44)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB023 (Point 44)	1	Ammonia as N	Quarterly	0.095	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB023 (Point 44)	1	pH (field)	Quarterly	5.51	pH units	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB023 (Point 44)	1	Phosphorus	Quarterly	1.6	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB023 (Point 44)	1	Potassium (I) Ion	Quarterly	24	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB023 (Point 44)	1	Redox (field)	Quarterly	96.9	mV	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB023 (Point 44)	1	Sodium (Na)	Quarterly	970	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB023 (Point 44)	1	Standing Water Level	Quarterly	6.98	mBTOC	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB023 (Point 44)	1	Sulphate	Quarterly	270	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB023 (Point 44)	1	Temperature (field)	Quarterly	17.5	deg c	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB023 (Point 44)	1	Total Dissolved Solids	Quarterly	3600	mg/L	N/A	N	

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11 May 23	13 Apr 23	02 Mar 23	MB023 (Point 44)	1	Total Organic Carbon	Quarterly	6	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB032 (Point 7)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	76	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB032 (Point 7)	1	Bicarbonate Alkalinity	Quarterly	76	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB032 (Point 7)	1	Calcium (II) Ion	Quarterly	5	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB032 (Point 7)	1	Chloride	Quarterly	96	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB032 (Point 7)	1	Magnesium (II) Ion	Quarterly	9.6	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB032 (Point 7)	1	Nitrate as N in water	Quarterly	<0.005	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB032 (Point 7)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB032 (Point 7)	1	Ammonia as N	Quarterly	0.011	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB032 (Point 7)	1	pH (field)	Quarterly	6.06	pH units	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB032 (Point 7)	1	Phosphorus	Quarterly	0.5	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB032 (Point 7)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB032 (Point 7)	1	Redox (field)	Quarterly	57.2	mv	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB032 (Point 7)	1	Sodium (Na)	Quarterly	45	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB032 (Point 7)	1	Standing Water Level	Quarterly	11.08	mBTOC	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB032 (Point 7)	1	Sulphate	Quarterly	7	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB032 (Point 7)	1	Temperature (field)	Quarterly	18.2	deg c	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB032 (Point 7)	1	Total Dissolved Solids	Quarterly	220	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB032 (Point 7)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB033 (Point 18)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	40	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB033 (Point 18)	1	Bicarbonate Alkalinity	Quarterly	40	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB033 (Point 18)	1	Calcium (II) Ion	Quarterly	6.6	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB033 (Point 18)	1	Chloride	Quarterly	100	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB033 (Point 18)	1	Magnesium (II) Ion	Quarterly	10	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB033 (Point 18)	1	Nitrate as N in water	Quarterly	0.01	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB033 (Point 18)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB033 (Point 18)	1	Ammonia as N	Quarterly	0.067	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB033 (Point 18)	1	pH (field)	Quarterly	6.09	pH units	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB033 (Point 18)	1	Phosphorus	Quarterly	0.09	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB033 (Point 18)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB033 (Point 18)	1	Redox (field)	Quarterly	28.8	mv	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB033 (Point 18)	1	Sodium (Na)	Quarterly	45	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB033 (Point 18)	1	Standing Water Level	Quarterly	0	mBTOC	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB033 (Point 18)	1	Sulphate	Quarterly	12	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB033 (Point 18)	1	Temperature (field)	Quarterly	19.5	deg c	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB033 (Point 18)	1	Total Dissolved Solids	Quarterly	220	mg/L	N/A	N	

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11 May 23	13 Apr 23	03 Mar 23	MB033 (Point 18)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB034 (Point 8)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	16	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB034 (Point 8)	1	Bicarbonate Alkalinity	Quarterly	16	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB034 (Point 8)	1	Calcium (II) Ion	Quarterly	2	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB034 (Point 8)	1	Chloride	Quarterly	99	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB034 (Point 8)	1	Magnesium (II) Ion	Quarterly	6.5	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB034 (Point 8)	1	Nitrate as N in water	Quarterly	<0.005	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB034 (Point 8)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB034 (Point 8)	1	Ammonia as N	Quarterly	0.02	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB034 (Point 8)	1	pH (field)	Quarterly	5.01	pH units	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB034 (Point 8)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB034 (Point 8)	1	Potassium (I) Ion	Quarterly	1	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB034 (Point 8)	1	Redox (field)	Quarterly	28.9	mV	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB034 (Point 8)	1	Sodium (Na)	Quarterly	44	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB034 (Point 8)	1	Standing Water Level	Quarterly	3.41	mBTOC	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB034 (Point 8)	1	Sulphate	Quarterly	10	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB034 (Point 8)	1	Temperature (field)	Quarterly	17.5	deg c	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB034 (Point 8)	1	Total Dissolved Solids	Quarterly	190	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB034 (Point 8)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB035 (Point 19)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	<5	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB035 (Point 19)	1	Bicarbonate Alkalinity	Quarterly	<5	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB035 (Point 19)	1	Calcium (II) Ion	Quarterly	1	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB035 (Point 19)	1	Chloride	Quarterly	96	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB035 (Point 19)	1	Magnesium (II) Ion	Quarterly	5.9	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB035 (Point 19)	1	Nitrate as N in water	Quarterly	<0.005	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB035 (Point 19)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB035 (Point 19)	1	Ammonia as N	Quarterly	0.049	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB035 (Point 19)	1	pH (field)	Quarterly	4.6	pH units	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB035 (Point 19)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB035 (Point 19)	1	Potassium (I) Ion	Quarterly	1	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB035 (Point 19)	1	Redox (field)	Quarterly	54.9	mV	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB035 (Point 19)	1	Sodium (Na)	Quarterly	42	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB035 (Point 19)	1	Standing Water Level	Quarterly	2.71	mBTOC	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB035 (Point 19)	1	Sulphate	Quarterly	14	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB035 (Point 19)	1	Temperature (field)	Quarterly	17.8	deg c	N/A	N	

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11 May 23	13 Apr 23	03 Mar 23	MB035 (Point 19)	1	Total Dissolved Solids	Quarterly	200	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB035 (Point 19)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB038 (Point 24)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	7	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB038 (Point 24)	1	Bicarbonate Alkalinity	Quarterly	7	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB038 (Point 24)	1	Calcium (II) Ion	Quarterly	1	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB038 (Point 24)	1	Chloride	Quarterly	150	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB038 (Point 24)	1	Magnesium (II) Ion	Quarterly	9.9	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB038 (Point 24)	1	Nitrate as N in water	Quarterly	0.04	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB038 (Point 24)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB038 (Point 24)	1	Ammonia as N	Quarterly	0.029	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB038 (Point 24)	1	pH (field)	Quarterly	6.17	pH units	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB038 (Point 24)	1	Phosphorus	Quarterly	0.06	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB038 (Point 24)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB038 (Point 24)	1	Redox (field)	Quarterly	9.8	mV	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB038 (Point 24)	1	Sodium (Na)	Quarterly	73	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB038 (Point 24)	1	Standing Water Level	Quarterly	18.39	mBTOC	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB038 (Point 24)	1	Sulphate	Quarterly	16	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB038 (Point 24)	1	Temperature (field)	Quarterly	19.1	deg c	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB038 (Point 24)	1	Total Dissolved Solids	Quarterly	290	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB038 (Point 24)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB040 (Point 26)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	<5	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB040 (Point 26)	1	Bicarbonate Alkalinity	Quarterly	<5	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB040 (Point 26)	1	Calcium (II) Ion	Quarterly	2	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB040 (Point 26)	1	Chloride	Quarterly	97	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB040 (Point 26)	1	Magnesium (II) Ion	Quarterly	6.7	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB040 (Point 26)	1	Nitrate as N in water	Quarterly	0.01	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB040 (Point 26)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB040 (Point 26)	1	Ammonia as N	Quarterly	0.12	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB040 (Point 26)	1	pH (field)	Quarterly	4.1	pH units	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB040 (Point 26)	1	Phosphorus	Quarterly	0.09	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB040 (Point 26)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB040 (Point 26)	1	Redox (field)	Quarterly	104.7	mV	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB040 (Point 26)	1	Sodium (Na)	Quarterly	44	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB040 (Point 26)	1	Standing Water Level	Quarterly	8.24	mBTOC	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB040 (Point 26)	1	Sulphate	Quarterly	16	mg/L	N/A	N	

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11 May 23	13 Apr 23	03 Mar 23	MB040 (Point 26)	1	Temperature (field)	Quarterly	18.6	deg c	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB040 (Point 26)	1	Total Dissolved Solids	Quarterly	200	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB040 (Point 26)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB041 (Point 27)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	<5	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB041 (Point 27)	1	Bicarbonate Alkalinity	Quarterly	<5	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB041 (Point 27)	1	Calcium (II) Ion	Quarterly	2	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB041 (Point 27)	1	Chloride	Quarterly	79	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB041 (Point 27)	1	Magnesium (II) Ion	Quarterly	9.6	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB041 (Point 27)	1	Nitrate as N in water	Quarterly	0.36	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB041 (Point 27)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB041 (Point 27)	1	Ammonia as N	Quarterly	0.15	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB041 (Point 27)	1	pH (field)	Quarterly	3.83	pH units	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB041 (Point 27)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB041 (Point 27)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB041 (Point 27)	1	Redox (field)	Quarterly	25.1	mV	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB041 (Point 27)	1	Sodium (Na)	Quarterly	44	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB041 (Point 27)	1	Standing Water Level	Quarterly	6.78	mBTOC	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB041 (Point 27)	1	Sulphate	Quarterly	130	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB041 (Point 27)	1	Temperature (field)	Quarterly	8.2	deg c	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB041 (Point 27)	1	Total Dissolved Solids	Quarterly	270	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB041 (Point 27)	1	Total Organic Carbon	Quarterly	3	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB044 (Point 45)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	18	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB044 (Point 45)	1	Bicarbonate Alkalinity	Quarterly	18	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB044 (Point 45)	1	Calcium (II) Ion	Quarterly	3	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB044 (Point 45)	1	Chloride	Quarterly	80	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB044 (Point 45)	1	Magnesium (II) Ion	Quarterly	7.8	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB044 (Point 45)	1	Nitrate as N in water	Quarterly	<0.005	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB044 (Point 45)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB044 (Point 45)	1	Ammonia as N	Quarterly	0.39	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB044 (Point 45)	1	pH (field)	Quarterly	5.19	pH units	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB044 (Point 45)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB044 (Point 45)	1	Potassium (I) Ion	Quarterly	1	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB044 (Point 45)	1	Redox (field)	Quarterly	-9.4	mV	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB044 (Point 45)	1	Sodium (Na)	Quarterly	34	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB044 (Point 45)	1	Standing Water Level	Quarterly	20.39	mBTOC	N/A	N	

### Pollutant Monitoring Results - General Pollutant

Environment Protection Licence Number: **5065**

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11 May 23	13 Apr 23	02 Mar 23	MB044 (Point 45)	1	Sulphate	Quarterly	7	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB044 (Point 45)	1	Temperature (field)	Quarterly	22.6	deg c	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB044 (Point 45)	1	Total Dissolved Solids	Quarterly	160	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB044 (Point 45)	1	Total Organic Carbon	Quarterly	<1	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB045 (Point 46)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	19	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB045 (Point 46)	1	Bicarbonate Alkalinity	Quarterly	19	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB045 (Point 46)	1	Calcium (II) Ion	Quarterly	2	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB045 (Point 46)	1	Chloride	Quarterly	74	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB045 (Point 46)	1	Magnesium (II) Ion	Quarterly	7.9	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB045 (Point 46)	1	Nitrate as N in water	Quarterly	<0.005	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB045 (Point 46)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB045 (Point 46)	1	Ammonia as N	Quarterly	0.68	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB045 (Point 46)	1	pH (field)	Quarterly	5.55	pH units	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB045 (Point 46)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB045 (Point 46)	1	Potassium (I) Ion	Quarterly	1	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB045 (Point 46)	1	Redox (field)	Quarterly	85.8	mV	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB045 (Point 46)	1	Sodium (Na)	Quarterly	32	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB045 (Point 46)	1	Standing Water Level	Quarterly	15.26	mBTC	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB045 (Point 46)	1	Sulphate	Quarterly	8	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB045 (Point 46)	1	Temperature (field)	Quarterly	18.6	deg c	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB045 (Point 46)	1	Total Dissolved Solids	Quarterly	160	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB045 (Point 46)	1	Total Organic Carbon	Quarterly	<1	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB305 (Point 16)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	57	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB305 (Point 16)	1	Bicarbonate Alkalinity	Quarterly	57	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB305 (Point 16)	1	Calcium (II) Ion	Quarterly	6.5	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB305 (Point 16)	1	Chloride	Quarterly	100	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB305 (Point 16)	1	Magnesium (II) Ion	Quarterly	8.9	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB305 (Point 16)	1	Nitrate as N in water	Quarterly	<0.005	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB305 (Point 16)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB305 (Point 16)	2	Ammonia as N	Quarterly	0.31	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB305 (Point 16)	1	pH (field)	Quarterly	4.85	pH units	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB305 (Point 16)	1	Phosphorus	Quarterly	0.1	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB305 (Point 16)	1	Potassium (I) Ion	Quarterly	2	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB305 (Point 16)	1	Redox (field)	Quarterly	-9.1	mV	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB305 (Point 16)	1	Sodium (Na)	Quarterly	44	mg/L	N/A	N	

### Pollutant Monitoring Results - General Pollutant

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11 May 23	13 Apr 23	03 Mar 23	MB305 (Point 16)	1	Standing Water Level	Quarterly	9.48	mBTOC	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB305 (Point 16)	1	Sulphate	Quarterly	15	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB305 (Point 16)	1	Temperature (field)	Quarterly	19	deg c	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB305 (Point 16)	1	Total Dissolved Solids	Quarterly	250	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB305 (Point 16)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB306 (Point 17)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	<5	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB306 (Point 17)	1	Bicarbonate Alkalinity	Quarterly	<5	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB306 (Point 17)	1	Calcium (II) Ion	Quarterly	4	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB306 (Point 17)	1	Chloride	Quarterly	120	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB306 (Point 17)	1	Magnesium (II) Ion	Quarterly	6.9	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB306 (Point 17)	1	Nitrate as N in water	Quarterly	0.15	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB306 (Point 17)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB306 (Point 17)	1	Ammonia as N	Quarterly	0.14	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB306 (Point 17)	1	pH (field)	Quarterly	3.95	pH units	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB306 (Point 17)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB306 (Point 17)	1	Potassium (I) Ion	Quarterly	0.7	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB306 (Point 17)	1	Redox (field)	Quarterly	152	mV	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB306 (Point 17)	1	Sodium (Na)	Quarterly	47	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB306 (Point 17)	1	Standing Water Level	Quarterly	5.47	mBTOC	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB306 (Point 17)	1	Sulphate	Quarterly	160	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB306 (Point 17)	1	Temperature (field)	Quarterly	18.6	deg c	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB306 (Point 17)	1	Total Dissolved Solids	Quarterly	250	mg/L	N/A	N	
11 May 23	13 Apr 23	03 Mar 23	MB306 (Point 17)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB047 (Point 48)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	48	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB047 (Point 48)	1	Bicarbonate Alkalinity	Quarterly	48	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB047 (Point 48)	1	Calcium (II) Ion	Quarterly	5	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB047 (Point 48)	1	Chloride	Quarterly	160	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB047 (Point 48)	1	Magnesium (II) Ion	Quarterly	13	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB047 (Point 48)	1	Nitrate as N in water	Quarterly	<0.005	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB047 (Point 48)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB047 (Point 48)	1	Ammonia as N	Quarterly	2.8	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB047 (Point 48)	1	pH (field)	Quarterly	5.47	pH units	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB047 (Point 48)	1	Phosphorus	Quarterly	0.1	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB047 (Point 48)	1	Potassium (I) Ion	Quarterly	4	mg/L	N/A	N	

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11 May 23	13 Apr 23	02 Mar 23	MB047 (Point 48)	1	Redox (field)	Quarterly	75.9	mV	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB047 (Point 48)	1	Sodium (Na)	Quarterly	88	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB047 (Point 48)	1	Standing Water Level	Quarterly	29.11	mBTOC	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB047 (Point 48)	1	Sulphate	Quarterly	23	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB047 (Point 48)	1	Temperature (field)	Quarterly	18.9	deg c	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB047 (Point 48)	1	Total Dissolved Solids	Quarterly	330	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB047 (Point 48)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB046 (Point 47)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	56	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB046 (Point 47)	1	Bicarbonate Alkalinity	Quarterly	56	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB046 (Point 47)	1	Calcium (II) Ion	Quarterly	13	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB046 (Point 47)	1	Chloride	Quarterly	420	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB046 (Point 47)	1	Magnesium (II) Ion	Quarterly	36	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB046 (Point 47)	1	Nitrate as N in water	Quarterly	0.01	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB046 (Point 47)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB046 (Point 47)	1	Ammonia as N	Quarterly	0.100	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB046 (Point 47)	1	pH (field)	Quarterly	4.86	pH units	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB046 (Point 47)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB046 (Point 47)	1	Potassium (I) Ion	Quarterly	3.0	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB046 (Point 47)	1	Redox (field)	Quarterly	82.7	mV	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB046 (Point 47)	1	Sodium (Na)	Quarterly	210.00	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB046 (Point 47)	1	Standing Water Level	Quarterly	21.58	mBTOC	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB046 (Point 47)	1	Sulphate	Quarterly	36	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB046 (Point 47)	1	Temperature (field)	Quarterly	18.8	deg c	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB046 (Point 47)	1	Total Dissolved Solids	Quarterly	800	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB046 (Point 47)	1	Total Organic Carbon	Quarterly	<1	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB048 (Point 49)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	18	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB048 (Point 49)	1	Bicarbonate Alkalinity	Quarterly	18	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB048 (Point 49)	1	Calcium (II) Ion	Quarterly	13	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB048 (Point 49)	1	Chloride	Quarterly	150	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB048 (Point 49)	1	Magnesium (II) Ion	Quarterly	8.8	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB048 (Point 49)	1	Nitrate as N in water	Quarterly	<0.005	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB048 (Point 49)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB048 (Point 49)	1	Ammonia as N	Quarterly	0.023	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB048 (Point 49)	1	pH (field)	Quarterly	6.09	pH units	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB048 (Point 49)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB048 (Point 49)	1	Potassium (I) Ion	Quarterly	1	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB048 (Point 49)	1	Redox (field)	Quarterly	85	mV	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB048 (Point 49)	1	Sodium (Na)	Quarterly	71	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB048 (Point 49)	1	Standing Water Level	Quarterly	17.42	mBTOC	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB048 (Point 49)	1	Sulphate	Quarterly	16	mg/L	N/A	N	





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11 May 23	13 Apr 23	02 Mar 23	MB048 (Point 49)	1	Temperature (field)	Quarterly	20.3	deg c	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB048 (Point 49)	1	Total Dissolved Solids	Quarterly	360	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB048 (Point 49)	1	Total Organic Carbon	Quarterly	<1	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB049 (Point 50)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	210	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB049 (Point 50)	1	Bicarbonate Alkalinity	Quarterly	210	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB049 (Point 50)	1	Calcium (II) Ion	Quarterly	41	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB049 (Point 50)	1	Chloride	Quarterly	160	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB049 (Point 50)	1	Magnesium (II) Ion	Quarterly	12	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB049 (Point 50)	1	Nitrate as N in water	Quarterly	0.086	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB049 (Point 50)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB049 (Point 50)	1	Ammonia as N	Quarterly	0.061	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB049 (Point 50)	1	pH (field)	Quarterly	5.26	pH units	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB049 (Point 50)	1	Phosphorus	Quarterly	<0.05	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB049 (Point 50)	1	Potassium (I) Ion	Quarterly	3	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB049 (Point 50)	1	Redox (field)	Quarterly	98.3	mV	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB049 (Point 50)	1	Sodium (Na)	Quarterly	130	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB049 (Point 50)	1	Standing Water Level	Quarterly	19.02	mBTOC	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB049 (Point 50)	1	Sulphate	Quarterly	53	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB049 (Point 50)	1	Temperature (field)	Quarterly	19.8	deg c	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB049 (Point 50)	1	Total Dissolved Solids	Quarterly	530	mg/L	N/A	N	
11 May 23	13 Apr 23	02 Mar 23	MB049 (Point 50)	1	Total Organic Carbon	Quarterly	<1	mg/L	N/A	N	