



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
5/12/2017	MB008 (Point 4)	1	Ammonia as N	Quarterly	<0.005	mg/L	N/A	N	
5/12/2017	MB008 (Point 4)	1	Calcium (II) Ion	Quarterly	2.4	mg/L	N/A	N	
5/12/2017	MB008 (Point 4)	1	Chloride	Quarterly	72	mg/L	N/A	N	
5/12/2017	MB008 (Point 4)	1	Magnesium (II) Ion	Quarterly	9.2	mg/L	N/A	N	
5/12/2017	MB008 (Point 4)	1	pH (field)	Quarterly	5.25	pH units	N/A	N	
5/12/2017	MB008 (Point 4)	1	Redox (field)	Quarterly	136	mV	N/A	N	
5/12/2017	MB008 (Point 4)	1	Sodium (Na)	Quarterly	41	mg/L	N/A	N	
5/12/2017	MB008 (Point 4)	1	Standing Water Level	Quarterly	15.38	mBTOC	N/A	N	
5/12/2017	MB008 (Point 4)	1	Sulphate	Quarterly	7	mg/L	N/A	N	
5/12/2017	MB008 (Point 4)	1	Temperature (field)	Quarterly	20.8	deg c	N/A	N	
5/12/2017	MB008 (Point 4)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	21	mg/L	N/A	N	
5/12/2017	MB008 (Point 4)	1	Total Dissolved Solids	Quarterly	220	mg/L	N/A	N	
5/12/2017	MB008 (Point 4)	1	Total Organic Carbon	Quarterly	4	mg/L	N/A	N	
5/12/2017	MB032 (Point 7)	1	Ammonia as N	Quarterly	0.11	mg/L	N/A	N	
5/12/2017	MB032 (Point 7)	1	Calcium (II) Ion	Quarterly	7.1	mg/L	N/A	N	
5/12/2017	MB032 (Point 7)	1	Chloride	Quarterly	95	mg/L	N/A	N	
5/12/2017	MB032 (Point 7)	1	Magnesium (II) Ion	Quarterly	12	mg/L	N/A	N	
5/12/2017	MB032 (Point 7)	1	pH (field)	Quarterly	5.81	pH units	N/A	N	
5/12/2017	MB032 (Point 7)	1	Redox (field)	Quarterly	18	mV	N/A	N	
5/12/2017	MB032 (Point 7)	1	Sodium (Na)	Quarterly	60	mg/L	N/A	N	
5/12/2017	MB032 (Point 7)	1	Standing Water Level	Quarterly	12.65	mBTOC	N/A	N	
5/12/2017	MB032 (Point 7)	1	Sulphate	Quarterly	9	mg/L	N/A	N	
5/12/2017	MB032 (Point 7)	1	Temperature (field)	Quarterly	19.5	deg c	N/A	N	
5/12/2017	MB032 (Point 7)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	53	mg/L	N/A	N	
5/12/2017	MB032 (Point 7)	1	Total Dissolved Solids	Quarterly	240	mg/L	N/A	N	
5/12/2017	MB032 (Point 7)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	
5/12/2017	MB033 (Point 18)	1	Ammonia as N	Quarterly	0.011	mg/L	N/A	N	
5/12/2017	MB033 (Point 18)	1	Calcium (II) Ion	Quarterly	5.7	mg/L	N/A	N	
5/12/2017	MB033 (Point 18)	1	Chloride	Quarterly	93	mg/L	N/A	N	
5/12/2017	MB033 (Point 18)	1	Magnesium (II) Ion	Quarterly	12	mg/L	N/A	N	
5/12/2017	MB033 (Point 18)	1	pH (field)	Quarterly	5.9	pH units	N/A	N	
5/12/2017	MB033 (Point 18)	1	Redox (field)	Quarterly	5	mV	N/A	N	
5/12/2017	MB033 (Point 18)	1	Sodium (Na)	Quarterly	60	mg/L	N/A	N	
5/12/2017	MB033 (Point 18)	1	Standing Water Level	Quarterly	4.31	mBTOC	N/A	N	
5/12/2017	MB033 (Point 18)	1	Sulphate	Quarterly	8	mg/L	N/A	N	
5/12/2017	MB033 (Point 18)	1	Temperature (field)	Quarterly	18.1	deg c	N/A	N	
5/12/2017	MB033 (Point 18)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	73	mg/L	N/A	N	



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5/12/2017	MB033 (Point 18)	1	Total Dissolved Solids	Quarterly	240	mg/L	N/A	N	
5/12/2017	MB033 (Point 18)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	
5/12/2017	MB034 (Point 8)	1	Ammonia as N	Quarterly	<0.005	mg/L	N/A	N	
5/12/2017	MB034 (Point 8)	1	Calcium (II) Ion	Quarterly	2.2	mg/L	N/A	N	
5/12/2017	MB034 (Point 8)	1	Chloride	Quarterly	90	mg/L	N/A	N	
5/12/2017	MB034 (Point 8)	1	Magnesium (II) Ion	Quarterly	7.5	mg/L	N/A	N	
5/12/2017	MB034 (Point 8)	1	pH (field)	Quarterly	5.01	pH units	N/A	N	
5/12/2017	MB034 (Point 8)	1	Redox (field)	Quarterly	91	mV	N/A	N	
5/12/2017	MB034 (Point 8)	1	Sodium (Na)	Quarterly	59	mg/L	N/A	N	
5/12/2017	MB034 (Point 8)	1	Standing Water Level	Quarterly	4.2	mBTOC	N/A	N	
5/12/2017	MB034 (Point 8)	1	Sulphate	Quarterly	11	mg/L	N/A	N	
5/12/2017	MB034 (Point 8)	1	Temperature (field)	Quarterly	17.8	deg c	N/A	N	
5/12/2017	MB034 (Point 8)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	11	mg/L	N/A	N	
5/12/2017	MB034 (Point 8)	1	Total Dissolved Solids	Quarterly	200	mg/L	N/A	N	
5/12/2017	MB034 (Point 8)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	
5/12/2017	MB035 (Point 19)	1	Ammonia as N	Quarterly	<0.005	mg/L	N/A	N	
5/12/2017	MB035 (Point 19)	1	Calcium (II) Ion	Quarterly	0.8	mg/L	N/A	N	
5/12/2017	MB035 (Point 19)	1	Chloride	Quarterly	86	mg/L	N/A	N	
5/12/2017	MB035 (Point 19)	1	Magnesium (II) Ion	Quarterly	6.5	mg/L	N/A	N	
5/12/2017	MB035 (Point 19)	1	pH (field)	Quarterly	4.56	pH units	N/A	N	
5/12/2017	MB035 (Point 19)	1	Redox (field)	Quarterly	94	mV	N/A	N	
5/12/2017	MB035 (Point 19)	1	Sodium (Na)	Quarterly	55	mg/L	N/A	N	
5/12/2017	MB035 (Point 19)	1	Standing Water Level	Quarterly	3.15	mBTOC	N/A	N	
5/12/2017	MB035 (Point 19)	1	Sulphate	Quarterly	11	mg/L	N/A	N	
5/12/2017	MB035 (Point 19)	1	Temperature (field)	Quarterly	18.1	deg c	N/A	N	
5/12/2017	MB035 (Point 19)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	<5	mg/L	N/A	N	
5/12/2017	MB035 (Point 19)	1	Total Dissolved Solids	Quarterly	190	mg/L	N/A	N	
5/12/2017	MB035 (Point 19)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	
5/12/2017	MB038 (Point 24)	1	Ammonia as N	Quarterly	<0.005	mg/L	N/A	N	
5/12/2017	MB038 (Point 24)	1	Calcium (II) Ion	Quarterly	1	mg/L	N/A	N	
5/12/2017	MB038 (Point 24)	1	Chloride	Quarterly	130	mg/L	N/A	N	
5/12/2017	MB038 (Point 24)	1	Magnesium (II) Ion	Quarterly	13	mg/L	N/A	N	
5/12/2017	MB038 (Point 24)	1	pH (field)	Quarterly	4.16	pH units	N/A	N	
5/12/2017	MB038 (Point 24)	1	Redox (field)	Quarterly	102	mV	N/A	N	
5/12/2017	MB038 (Point 24)	1	Sodium (Na)	Quarterly	88	mg/L	N/A	N	
5/12/2017	MB038 (Point 24)	1	Standing Water Level	Quarterly	24.32	mBTOC	N/A	N	
5/12/2017	MB038 (Point 24)	1	Sulphate	Quarterly	12	mg/L	N/A	N	



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5/12/2017	MB038 (Point 24)	1	Temperature (field)	Quarterly	19.4	deg c	N/A	N	
5/12/2017	MB038 (Point 24)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	<5	mg/L	N/A	N	
5/12/2017	MB038 (Point 24)	1	Total Dissolved Solids	Quarterly	270	mg/L	N/A	N	
5/12/2017	MB038 (Point 24)	1	Total Organic Carbon	Quarterly	6	mg/L	N/A	N	
5/12/2017	MB040 (Point 26)	1	Ammonia as N	Quarterly	0.006	mg/L	N/A	N	
5/12/2017	MB040 (Point 26)	1	Calcium (II) Ion	Quarterly	1.9	mg/L	N/A	N	
5/12/2017	MB040 (Point 26)	1	Chloride	Quarterly	83	mg/L	N/A	N	
5/12/2017	MB040 (Point 26)	1	Magnesium (II) Ion	Quarterly	6.1	mg/L	N/A	N	
5/12/2017	MB040 (Point 26)	1	pH (field)	Quarterly	5.18	pH units	N/A	N	
5/12/2017	MB040 (Point 26)	1	Redox (field)	Quarterly	119	mV	N/A	N	
5/12/2017	MB040 (Point 26)	1	Sodium (Na)	Quarterly	52	mg/L	N/A	N	
5/12/2017	MB040 (Point 26)	1	Standing Water Level	Quarterly	14.09	mBTOC	N/A	N	
5/12/2017	MB040 (Point 26)	1	Sulphate	Quarterly	9	mg/L	N/A	N	
5/12/2017	MB040 (Point 26)	1	Temperature (field)	Quarterly	19.1	deg c	N/A	N	
5/12/2017	MB040 (Point 26)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	24	mg/L	N/A	N	
5/12/2017	MB040 (Point 26)	1	Total Dissolved Solids	Quarterly	220	mg/L	N/A	N	
5/12/2017	MB040 (Point 26)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	
5/12/2017	MB041 (Point 27)	1	Ammonia as N	Quarterly	nt	mg/L	N/A	N	
5/12/2017	MB041 (Point 27)	1	Calcium (II) Ion	Quarterly	nt	mg/L	N/A	N	
5/12/2017	MB041 (Point 27)	1	Chloride	Quarterly	nt	mg/L	N/A	N	
5/12/2017	MB041 (Point 27)	1	Magnesium (II) Ion	Quarterly	nt	mg/L	N/A	N	
5/12/2017	MB041 (Point 27)	1	pH (field)	Quarterly	nt	pH units	N/A	N	
5/12/2017	MB041 (Point 27)	1	Redox (field)	Quarterly	nt	mV	N/A	N	
5/12/2017	MB041 (Point 27)	1	Sodium (Na)	Quarterly	nt	mg/L	N/A	N	
5/12/2017	MB041 (Point 27)	1	Standing Water Level	Quarterly	nt	mBTOC	N/A	N	
5/12/2017	MB041 (Point 27)	1	Sulphate	Quarterly	nt	mg/L	N/A	N	
5/12/2017	MB041 (Point 27)	1	Temperature (field)	Quarterly	nt	deg c	N/A	N	
5/12/2017	MB041 (Point 27)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	nt	mg/L	N/A	N	
5/12/2017	MB041 (Point 27)	1	Total Dissolved Solids	Quarterly	nt	mg/L	N/A	N	
5/12/2017	MB041 (Point 27)	1	Total Organic Carbon	Quarterly	nt	mg/L	N/A	N	
5/12/2017	MB305 (Point 16)	1	Ammonia as N	Quarterly	0.024	mg/L	N/A	N	
5/12/2017	MB305 (Point 16)	1	Calcium (II) Ion	Quarterly	7	mg/L	N/A	N	
5/12/2017	MB305 (Point 16)	1	Chloride	Quarterly	89	mg/L	N/A	N	
5/12/2017	MB305 (Point 16)	1	Magnesium (II) Ion	Quarterly	10	mg/L	N/A	N	



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5/12/2017	MB305 (Point 16)	1	pH (field)	Quarterly	5.12	pH units	N/A	N	
5/12/2017	MB305 (Point 16)	1	Redox (field)	Quarterly	69	mV	N/A	N	
5/12/2017	MB305 (Point 16)	1	Sodium (Na)	Quarterly	58	mg/L	N/A	N	
5/12/2017	MB305 (Point 16)	1	Standing Water Level	Quarterly	11.08	mBTOC	N/A	N	
5/12/2017	MB305 (Point 16)	1	Sulphate	Quarterly	11	mg/L	N/A	N	
5/12/2017	MB305 (Point 16)	1	Temperature (field)	Quarterly	18.5	deg c	N/A	N	
5/12/2017	MB305 (Point 16)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	29	mg/L	N/A	N	
5/12/2017	MB305 (Point 16)	1	Total Dissolved Solids	Quarterly	230	mg/L	N/A	N	
5/12/2017	MB305 (Point 16)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	
5/12/2017	MB306 (Point 17)	1	Ammonia as N	Quarterly	<0.005	mg/L	N/A	N	
5/12/2017	MB306 (Point 17)	1	Calcium (II) Ion	Quarterly	4.5	mg/L	N/A	N	
5/12/2017	MB306 (Point 17)	1	Chloride	Quarterly	98	mg/L	N/A	N	
5/12/2017	MB306 (Point 17)	1	Magnesium (II) Ion	Quarterly	7.9	mg/L	N/A	N	
5/12/2017	MB306 (Point 17)	1	pH (field)	Quarterly	4.38	pH units	N/A	N	
5/12/2017	MB306 (Point 17)	1	Redox (field)	Quarterly	63	mV	N/A	N	
5/12/2017	MB306 (Point 17)	1	Sodium (Na)	Quarterly	63	mg/L	N/A	N	
5/12/2017	MB306 (Point 17)	1	Standing Water Level	Quarterly	6.86	mBTOC	N/A	N	
5/12/2017	MB306 (Point 17)	1	Sulphate	Quarterly	9	mg/L	N/A	N	
5/12/2017	MB306 (Point 17)	1	Temperature (field)	Quarterly	17.5	deg c	N/A	N	
5/12/2017	MB306 (Point 17)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	7	mg/L	N/A	N	
5/12/2017	MB306 (Point 17)	1	Total Dissolved Solids	Quarterly	210	mg/L	N/A	N	
5/12/2017	MB306 (Point 17)	1	Total Organic Carbon	Quarterly	<1	mg/L	N/A	N	