



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
7/03/2018	MB008 (Point 4)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	18	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Aluminium	Yearly	<10	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Arsenic	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Barium	Yearly	190	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Benzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Benzo(a)pyrene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Cadmium	Yearly	<0.0001	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Calcium (II) Ion	Quarterly	2.1	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Chloride	Quarterly	83	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Chromium	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Cobalt	Yearly	4	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Copper	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Ethylbenzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Fluoride	Yearly	<0.1	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Lead	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Magnesium (II) Ion	Quarterly	8.3	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Manganese	Yearly	210	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Mercury	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Nickel	Yearly	16	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Nitrate as N in water	Quarterly	0.01	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Ammonia as N	Quarterly	<0.005	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	OCF	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	OPP	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	PCBs	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	pH (field)	Quarterly	4.91	pH units	N/A	N	
7/03/2018	MB008 (Point 4)	1	PAH	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Potassium (I) Ion	Quarterly	1.2	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Redox (field)	Quarterly	232	mV	N/A	N	
7/03/2018	MB008 (Point 4)	1	Selenium	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Sodium (Na)	Quarterly	39	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Standing Water Level	Quarterly	15.72	mBTOC	N/A	N	
7/03/2018	MB008 (Point 4)	1	Sulphate	Quarterly	7	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Temperature (field)	Quarterly	19.4	deg c	N/A	N	
7/03/2018	MB008 (Point 4)	1	Tetrachloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Toluene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Total Dissolved Solids	Quarterly	210	mg/L	N/A	N	



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7/03/2018	MB008 (Point 4)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	TPH	Yearly	<0.01	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Total Phenolics	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Trichloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Xylenes	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB008 (Point 4)	1	Zinc	Yearly	0.041	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	82	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Aluminium	Yearly	440	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Arsenic	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Barium	Yearly	20	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Benzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Benzo(a)pyrene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Cadmium	Yearly	0.012	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Calcium (II) Ion	Quarterly	13	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Chloride	Quarterly	1200	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Chromium	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Cobalt	Yearly	150	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Copper	Yearly	1	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Ethylbenzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Fluoride	Yearly	2.5	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Lead	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Magnesium (II) Ion	Quarterly	56	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Manganese	Yearly	7800	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Mercury	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Nickel	Yearly	130	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Nitrate as N in water	Quarterly	0.03	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Ammonia as N	Quarterly	0.12	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	OCF	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	OPP	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	PCBs	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	pH (field)	Quarterly	5.57	pH units	N/A	N	
7/03/2018	MB023 (Point 44)	1	PAH	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Potassium (I) Ion	Quarterly	20	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Redox (field)	Quarterly	344	mV	N/A	N	
7/03/2018	MB023 (Point 44)	1	Selenium	Yearly	<0.001	mg/L	N/A	N	



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7/03/2018	MB023 (Point 44)	1	Sodium (Na)	Quarterly	830	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Standing Water Level	Quarterly	9.92	mBTOC	N/A	N	
7/03/2018	MB023 (Point 44)	1	Sulphate	Quarterly	210	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Temperature (field)	Quarterly	18.3	deg c	N/A	N	
7/03/2018	MB023 (Point 44)	1	Tetrachloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Toluene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Total Dissolved Solids	Quarterly	2400	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Total Organic Carbon	Quarterly	8	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	TPH	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Total Phenolics	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Trichloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Xylenes	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB023 (Point 44)	1	Zinc	Yearly	0.93	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	80	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Aluminium	Yearly	<10	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Arsenic	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Barium	Yearly	140	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Benzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Benzo(a)pyrene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Cadmium	Yearly	<0.0001	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Calcium (II) Ion	Quarterly	5.7	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Chloride	Quarterly	95	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Chromium	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Cobalt	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Copper	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Ethylbenzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Fluoride	Yearly	0.3	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Lead	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Magnesium (II) Ion	Quarterly	10	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Manganese	Yearly	700	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Mercury	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Nickel	Yearly	8	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Nitrate as N in water	Quarterly	0.01	mg/L	N/A	N	



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7/03/2018	MB032 (Point 7)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Ammonia as N	Quarterly	0.066	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	OCP	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	OPP	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	PCBs	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	pH (field)	Quarterly	5.8	pH units	N/A	N	
7/03/2018	MB032 (Point 7)	1	PAH	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Potassium (I) Ion	Quarterly	1.8	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Redox (field)	Quarterly	8	mV	N/A	N	
7/03/2018	MB032 (Point 7)	1	Selenium	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Sodium (Na)	Quarterly	50	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Standing Water Level	Quarterly	13.04	mBTOC	N/A	N	
7/03/2018	MB032 (Point 7)	1	Sulphate	Quarterly	9	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Temperature (field)	Quarterly	18.9	deg c	N/A	N	
7/03/2018	MB032 (Point 7)	1	Tetrachloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Toluene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Total Dissolved Solids	Quarterly	270	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Total Organic Carbon	Quarterly	<1	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	TPH	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Total Phenolics	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Trichloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Xylenes	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB032 (Point 7)	1	Zinc	Yearly	0.04	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	73	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Aluminium	Yearly	<10	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Arsenic	Yearly	<1	mg/L	N/A	N	



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7/03/2018	MB033 (Point 18)	1	Barium	Yearly	150	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Benzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Benzo(a)pyrene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Cadmium	Yearly	<0.0001	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Calcium (II) Ion	Quarterly	4.8	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Chloride	Quarterly	91	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Chromium	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Cobalt	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Copper	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Ethylbenzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Fluoride	Yearly	0.3	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Lead	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Magnesium (II) Ion	Quarterly	9.8	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Manganese	Yearly	800	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Mercury	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Nickel	Yearly	11	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Nitrate as N in water	Quarterly	0.009	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Ammonia as N	Quarterly	0.022	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	OCP	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	OPP	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	PCBs	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	pH (field)	Quarterly	5.8	pH units	N/A	N	
7/03/2018	MB033 (Point 18)	1	PAH	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Potassium (I) Ion	Quarterly	1.7	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Redox (field)	Quarterly	4	mV	N/A	N	
7/03/2018	MB033 (Point 18)	1	Selenium	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Sodium (Na)	Quarterly	50	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Standing Water Level	Quarterly	5.29	mBTOC	N/A	N	
7/03/2018	MB033 (Point 18)	1	Sulphate	Quarterly	7	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Temperature (field)	Quarterly	18.9	deg c	N/A	N	
7/03/2018	MB033 (Point 18)	1	Tetrachloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Toluene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Total Dissolved Solids	Quarterly	250	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	



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7/03/2018	MB033 (Point 18)	1	TPH	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Total Phenolics	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Trichloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Xylenes	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB033 (Point 18)	1	Zinc	Yearly	0.014	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	20	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Aluminium	Yearly	<10	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Arsenic	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Barium	Yearly	150	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Benzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Benzo(a)pyrene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Cadmium	Yearly	<0.0001	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Calcium (II) Ion	Quarterly	1.7	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Chloride	Quarterly	91	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Chromium	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Cobalt	Yearly	5	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Copper	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Ethylbenzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Fluoride	Yearly	<0.1	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Lead	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Magnesium (II) Ion	Quarterly	6.5	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Manganese	Yearly	530	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Mercury	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Nickel	Yearly	12	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Nitrate as N in water	Quarterly	<0.005	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Ammonia as N	Quarterly	0.008	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	OCP	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	OPP	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	PCBs	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	pH (field)	Quarterly	5.06	pH units	N/A	N	
7/03/2018	MB034 (Point 8)	1	PAH	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Potassium (I) Ion	Quarterly	0.8	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Redox (field)	Quarterly	191	mV	N/A	N	
7/03/2018	MB034 (Point 8)	1	Selenium	Yearly	<0.001	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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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
7/03/2018	MB034 (Point 8)	1	Sodium (Na)	Quarterly	49	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Standing Water Level	Quarterly	4.6	mBTOC	N/A	N	
7/03/2018	MB034 (Point 8)	1	Sulphate	Quarterly	10	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Temperature (field)	Quarterly	18.3	deg c	N/A	N	
7/03/2018	MB034 (Point 8)	1	Tetrachloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Toluene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Total Dissolved Solids	Quarterly	220	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Total Organic Carbon	Quarterly	<1	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	TPH	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Total Phenolics	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Trichloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Xylenes	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB034 (Point 8)	1	Zinc	Yearly	0.042	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	<5	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Aluminium	Yearly	830	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Arsenic	Yearly	1	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Barium	Yearly	140	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Benzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Benzo(a)pyrene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Cadmium	Yearly	0.0017	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Calcium (II) Ion	Quarterly	34	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Chloride	Quarterly	92	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Chromium	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Cobalt	Yearly	30	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Copper	Yearly	6	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Ethylbenzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Fluoride	Yearly	<0.1	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Lead	Yearly	0.031	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Magnesium (II) Ion	Quarterly	26	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Manganese	Yearly	1700	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Mercury	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Nickel	Yearly	29	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Nitrate as N in water	Quarterly	0.01	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Ammonia as N	Quarterly	3.5	mg/L	N/A	N	



Pollutant Monitoring Results - General Pollutant

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7/03/2018	MB035 (Point 19)	1	OCP	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	OPP	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	PCBs	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	pH (field)	Quarterly	4.56	pH units	N/A	N	
7/03/2018	MB035 (Point 19)	1	PAH	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Potassium (I) Ion	Quarterly	9.4	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Redox (field)	Quarterly	70	mV	N/A	N	
7/03/2018	MB035 (Point 19)	1	Selenium	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Sodium (Na)	Quarterly	62	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Standing Water Level	Quarterly	3.32	mBTOC	N/A	N	
7/03/2018	MB035 (Point 19)	1	Sulphate	Quarterly	240	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Temperature (field)	Quarterly	19	deg c	N/A	N	
7/03/2018	MB035 (Point 19)	1	Tetrachloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Toluene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Total Dissolved Solids	Quarterly	690	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Total Organic Carbon	Quarterly	6	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	TPH	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Total Phenolics	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Trichloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Xylenes	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB035 (Point 19)	1	Zinc	Yearly	0.38	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	<5	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Aluminium	Yearly	70	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Arsenic	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Barium	Yearly	140	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Benzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Benzo(a)pyrene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Cadmium	Yearly	<0.0001	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Calcium (II) Ion	Quarterly	1	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Chloride	Quarterly	140	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Chromium	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Cobalt	Yearly	18	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Copper	Yearly	4	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Ethylbenzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Fluoride	Yearly	<0.1	mg/L	N/A	N	



Pollutant Monitoring Results - General Pollutant

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7/03/2018	MB038 (Point 24)	1	Lead	Yearly	0.002	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Magnesium (II) Ion	Quarterly	12	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Manganese	Yearly	630	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Mercury	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Nickel	Yearly	49	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Nitrate as N in water	Quarterly	0.03	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Ammonia as N	Quarterly	0.017	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	OCF	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	OPP	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	PCBs	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	pH (field)	Quarterly	3.89	pH units	N/A	N	
7/03/2018	MB038 (Point 24)	1	PAH	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Potassium (I) Ion	Quarterly	1.6	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Redox (field)	Quarterly	413	mV	N/A	N	
7/03/2018	MB038 (Point 24)	1	Selenium	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Sodium (Na)	Quarterly	75	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Standing Water Level	Quarterly	23.99	mBTOC	N/A	N	
7/03/2018	MB038 (Point 24)	1	Sulphate	Quarterly	14	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Temperature (field)	Quarterly	20	deg c	N/A	N	
7/03/2018	MB038 (Point 24)	1	Tetrachloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Toluene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Total Dissolved Solids	Quarterly	280	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Total Organic Carbon	Quarterly	7	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	TPH	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Total Phenolics	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Trichloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Xylenes	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB038 (Point 24)	1	Zinc	Yearly	0.14	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	19	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Aluminium	Yearly	20	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Arsenic	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Barium	Yearly	170	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Benzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Benzo(a)pyrene	Yearly	<0.001	mg/L	N/A	N	



Pollutant Monitoring Results - General Pollutant

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7/03/2018	MB040 (Point 26)	1	Cadmium	Yearly	<0.0001	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Calcium (II) Ion	Quarterly	1.8	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Chloride	Quarterly	88	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Chromium	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Cobalt	Yearly	4	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Copper	Yearly	2	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Ethylbenzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Fluoride	Yearly	<0.1	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Lead	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Magnesium (II) Ion	Quarterly	5.6	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Manganese	Yearly	580	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Mercury	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Nickel	Yearly	5	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Nitrate as N in water	Quarterly	0.008	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Ammonia as N	Quarterly	0.016	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	OCF	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	OPP	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	PCBs	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	pH (field)	Quarterly	5.3	pH units	N/A	N	
7/03/2018	MB040 (Point 26)	1	PAH	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Potassium (I) Ion	Quarterly	1.1	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Redox (field)	Quarterly	68	mV	N/A	N	
7/03/2018	MB040 (Point 26)	1	Selenium	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Sodium (Na)	Quarterly	40	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Standing Water Level	Quarterly	14.05	mBTOC	N/A	N	
7/03/2018	MB040 (Point 26)	1	Sulphate	Quarterly	10	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Temperature (field)	Quarterly	19.9	deg c	N/A	N	
7/03/2018	MB040 (Point 26)	1	Tetrachloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Toluene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Total Dissolved Solids	Quarterly	200	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	TPH	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Total Phenolics	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Trichloroethene	Yearly	<0.001	mg/L	N/A	N	



Pollutant Monitoring Results - General Pollutant

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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
7/03/2018	MB040 (Point 26)	1	Xylenes	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB040 (Point 26)	1	Zinc	Yearly	0.023	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	23	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Aluminium	Yearly	<10	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Arsenic	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Barium	Yearly	160	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Benzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Benzo(a)pyrene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Cadmium	Yearly	<0.0001	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Calcium (II) Ion	Quarterly	2.4	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Chloride	Quarterly	69	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Chromium	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Cobalt	Yearly	4	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Copper	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Ethylbenzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Fluoride	Yearly	<0.1	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Lead	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Magnesium (II) Ion	Quarterly	7.7	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Manganese	Yearly	240	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Mercury	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Nickel	Yearly	20	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Nitrate as N in water	Quarterly	0.008	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Ammonia as N	Quarterly	<0.005	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	OCF	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	OPP	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	PCBs	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	pH (field)	Quarterly	5.1	pH units	N/A	N	
7/03/2018	MB044 (Point 45)	1	PAH	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Potassium (I) Ion	Quarterly	1.4	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Redox (field)	Quarterly	223	mV	N/A	N	
7/03/2018	MB044 (Point 45)	1	Selenium	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Sodium (Na)	Quarterly	36	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Standing Water Level	Quarterly	21.65	mBTOC	N/A	N	
7/03/2018	MB044 (Point 45)	1	Sulphate	Quarterly	7	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Temperature (field)	Quarterly	19.8	deg c	N/A	N	
7/03/2018	MB044 (Point 45)	1	Tetrachloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Toluene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Total Dissolved Solids	Quarterly	170	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Total Organic Carbon	Quarterly	<1	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	TPH	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Total Phenolics	Yearly	<0.05	mg/L	N/A	N	



Pollutant Monitoring Results - General Pollutant

Environmental Protection Licence
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7/03/2018	MB044 (Point 45)	1	Trichloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Xylenes	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB044 (Point 45)	1	Zinc	Yearly	0.047	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	24	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Aluminium	Yearly	20	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Arsenic	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Barium	Yearly	180	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Benzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Benzo(a)pyrene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Cadmium	Yearly	<0.0001	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Calcium (II) Ion	Quarterly	2.6	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Chloride	Quarterly	70	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Chromium	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Cobalt	Yearly	2	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Copper	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Ethylbenzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Fluoride	Yearly	<0.1	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Lead	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Magnesium (II) Ion	Quarterly	8.9	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Manganese	Yearly	58	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Mercury	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Nickel	Yearly	26	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Nitrate as N in water	Quarterly	0.02	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Ammonia as N	Quarterly	<0.005	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	OCF	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	OPP	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	PCBs	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	pH (field)	Quarterly	5.02	pH units	N/A	N	
7/03/2018	MB045 (Point 46)	1	PAH	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Potassium (I) Ion	Quarterly	1.6	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Redox (field)	Quarterly	272	mV	N/A	N	
7/03/2018	MB045 (Point 46)	1	Selenium	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Sodium (Na)	Quarterly	35	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Standing Water Level	Quarterly	15.69	mBTOC	N/A	N	
7/03/2018	MB045 (Point 46)	1	Sulphate	Quarterly	7	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Temperature (field)	Quarterly	19.3	deg c	N/A	N	
7/03/2018	MB045 (Point 46)	1	Tetrachloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Toluene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Total Dissolved Solids	Quarterly	200	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Total Organic Carbon	Quarterly	<1	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	TPH	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Total Phenolics	Yearly	<0.05	mg/L	N/A	N	



Pollutant Monitoring Results - General Pollutant

Environmental Protection Licence Number: 5065

Licensee Name: Lucas Heights Resource Recovery Park

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7/03/2018	MB045 (Point 46)	1	Trichloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Xylenes	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB045 (Point 46)	1	Zinc	Yearly	0.06	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	32	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Aluminium	Yearly	<10	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Arsenic	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Barium	Yearly	180	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Benzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Benzo(a)pyrene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Cadmium	Yearly	<0.0001	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Calcium (II) Ion	Quarterly	6.9	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Chloride	Quarterly	93	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Chromium	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Cobalt	Yearly	8	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Copper	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Ethylbenzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Fluoride	Yearly	<0.1	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Lead	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Magnesium (II) Ion	Quarterly	9.5	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Manganese	Yearly	990	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Mercury	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Nickel	Yearly	16	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Nitrate as N in water	Quarterly	0.02	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Ammonia as N	Quarterly	0.054	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	OCF	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	OPP	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	PCBs	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	pH (field)	Quarterly	5.61	pH units	N/A	N	
7/03/2018	MB305 (Point 16)	1	PAH	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Potassium (I) Ion	Quarterly	2.1	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Redox (field)	Quarterly	101	mV	N/A	N	
7/03/2018	MB305 (Point 16)	1	Selenium	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Sodium (Na)	Quarterly	44	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Standing Water Level	Quarterly	11.69	mBTOC	N/A	N	
7/03/2018	MB305 (Point 16)	1	Sulphate	Quarterly	11	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Temperature (field)	Quarterly	19.2	deg c	N/A	N	
7/03/2018	MB305 (Point 16)	1	Tetrachloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Toluene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Total Dissolved Solids	Quarterly	220	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Total Organic Carbon	Quarterly	2	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	TPH	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Total Phenolics	Yearly	<0.05	mg/L	N/A	N	



Pollutant Monitoring Results - General Pollutant

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7/03/2018	MB305 (Point 16)	1	Trichloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Xylenes	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB305 (Point 16)	1	Zinc	Yearly	0.13	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	6	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Aluminium	Yearly	740	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Arsenic	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Barium	Yearly	91	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Benzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Benzo(a)pyrene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Cadmium	Yearly	<0.0001	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Calcium (II) Ion	Quarterly	4.3	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Chloride	Quarterly	110	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Chromium	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Cobalt	Yearly	2	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Copper	Yearly	2	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Ethylbenzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Fluoride	Yearly	<0.1	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Lead	Yearly	0.009	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Magnesium (II) Ion	Quarterly	7.7	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Manganese	Yearly	120	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Mercury	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Nickel	Yearly	4	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Nitrate as N in water	Quarterly	0.18	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Ammonia as N	Quarterly	0.037	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	OCF	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	OPP	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	PCBs	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	pH (field)	Quarterly	4.67	pH units	N/A	N	
7/03/2018	MB306 (Point 17)	1	PAH	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Potassium (I) Ion	Quarterly	0.7	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Redox (field)	Quarterly	119	mV	N/A	N	
7/03/2018	MB306 (Point 17)	1	Selenium	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Sodium (Na)	Quarterly	51	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Standing Water Level	Quarterly	6.82	mBTC	N/A	N	
7/03/2018	MB306 (Point 17)	1	Sulphate	Quarterly	9	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Temperature (field)	Quarterly	19.7	deg c	N/A	N	
7/03/2018	MB306 (Point 17)	1	Tetrachloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Toluene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Total Dissolved Solids	Quarterly	210	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Total Organic Carbon	Quarterly	1	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	TPH	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Total Phenolics	Yearly	<0.05	mg/L	N/A	N	



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7/03/2018	MB306 (Point 17)	1	Trichloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Xylenes	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB306 (Point 17)	1	Zinc	Yearly	0.037	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	55	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Aluminium	Yearly	80	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Arsenic	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Barium	Yearly	44	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Benzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Benzo(a)pyrene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Cadmium	Yearly	<0.0001	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Calcium (II) Ion	Quarterly	16	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Chloride	Quarterly	40	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Chromium	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Cobalt	Yearly	2	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Copper	Yearly	5	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Ethylbenzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Fluoride	Yearly	0.1	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Lead	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Magnesium (II) Ion	Quarterly	2.7	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Manganese	Yearly	210	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Mercury	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Nickel	Yearly	6	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Nitrate as N in water	Quarterly	0.14	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Ammonia as N	Quarterly	0.04	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	OCF	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	OPP	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	PCBs	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	pH (field)	Quarterly	6.04	pH units	N/A	N	
7/03/2018	MB047 (Point 48)	1	PAH	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Potassium (I) Ion	Quarterly	3	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Redox (field)	Quarterly	443	mV	N/A	N	
7/03/2018	MB047 (Point 48)	1	Selenium	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Sodium (Na)	Quarterly	21	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Standing Water Level	Quarterly	32.08	mBTC	N/A	N	
7/03/2018	MB047 (Point 48)	1	Sulphate	Quarterly	7	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Temperature (field)	Quarterly	18.7	deg c	N/A	N	
7/03/2018	MB047 (Point 48)	1	Tetrachloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Toluene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Total Dissolved Solids	Quarterly	160	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Total Organic Carbon	Quarterly	11	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	TPH	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Total Phenolics	Yearly	<0.05	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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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
7/03/2018	MB047 (Point 48)	1	Trichloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Xylenes	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB047 (Point 48)	1	Zinc	Yearly	0.032	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Total Alkalinity (Carbonate and Bicarbonate)	Quarterly	67	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Aluminium	Yearly	<10	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Arsenic	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Barium	Yearly	130	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Benzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Benzo(a)pyrene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Cadmium	Yearly	<0.0001	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Calcium (II) Ion	Quarterly	16	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Chloride	Quarterly	390	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Chromium	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Cobalt	Yearly	7	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Copper	Yearly	<1	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Ethylbenzene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Fluoride	Yearly	0.3	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Lead	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Magnesium (II) Ion	Quarterly	42	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Manganese	Yearly	780	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Mercury	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Nickel	Yearly	15	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Nitrate as N in water	Quarterly	0.02	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Nitrite as N in water	Quarterly	<0.005	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Ammonia as N	Quarterly	0.015	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	OCF	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	OPP	Yearly	<0.0002	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	PCBs	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	pH (field)	Quarterly	5.56	pH units	N/A	N	
7/03/2018	MB046 (Point 47)	1	PAH	Yearly	<0.002	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Potassium (I) Ion	Quarterly	4	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Redox (field)	Quarterly	290	mV	N/A	N	
7/03/2018	MB046 (Point 47)	1	Selenium	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Sodium (Na)	Quarterly	220	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Standing Water Level	Quarterly	22.17	mBTOC	N/A	N	
7/03/2018	MB046 (Point 47)	1	Sulphate	Quarterly	29	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Temperature (field)	Quarterly	18.5	deg c	N/A	N	
7/03/2018	MB046 (Point 47)	1	Tetrachloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Toluene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Total Dissolved Solids	Quarterly	840	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Total Organic Carbon	Quarterly	3	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	TPH	Yearly	<0.05	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Total Phenolics	Yearly	<0.05	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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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
7/03/2018	MB046 (Point 47)	1	Trichloroethene	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Xylenes	Yearly	<0.001	mg/L	N/A	N	
7/03/2018	MB046 (Point 47)	1	Zinc	Yearly	0.016	mg/L	N/A	N	