



Pollutant Monitoring Results - Wet Weather Discharge

Licensee Name:	Suez Australia	Environmental Protection Licence Number:	5065	Facility Address:	Lucas Heights Resource Recovery Park, New Illawarra Road, Lucas Heights, NSW 2234
Period:	Jul-20	A copy of the full licence can be found on the POEO Public Register http://www.epa.nsw.gov.au/prpoeoapp/			

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Date Final Monitoring Obtained	Sampling Point	No. of times measured during reporting period	Pollutant	Monitoring Frequency Required by licence	Min Value	Mean Value	Median Value	Max Value	Unit	If Applicable Pollutant limit as per licence	Exceedance (Y/N) or NA	Comments
Jul 2020	Point 1 - MC1	2	Ammonia	Special Frequency 1	0.1	0.355	0.355	0.61	mg/L	2.5	N	
Jul 2020	Point 1 - MC1	2	Conductivity	Special Frequency 1	190	395	395	600	mg/L	1500	N	
Jul 2020	Point 1 - MC1	2	pH	Special Frequency 1	6.9	7	7	7.1	mg/L	5.5-8.5	N	
Jul 2020	Point 1 - MC1	2	Total Phenolics	Special Frequency 1	0.1	0.1	0.1	0.1	mg/L	0.32	N	
Jul 2020	Point 1 - MC1	2	Dissolved Oxygen	Special Frequency 1	5.8	7.55	7.55	9.3	mg/L	>6	N	
Jul 2020	Point 1 - MC1	2	Suspended Solids	Special Frequency 1	5	302.5	302.5	600	mg/L	50	N	Part L2.5 of the licence states: The licensee is taken not to have breached the licence total suspended solids concentration limits for Point 1 and Point 22 if: (a) the overflow is caused by a rainfall event; and (b) the licensee has taken all practical measures to avoid or minimise water pollution. Both (a) and (b) were present and so no breached is believed to have occurred.
Jul 2020	Point 1 - MC1	2	Potassium	Special Frequency 1	9.5	9.6	9.6	9.7	mg/L	NA	N	
Jul 2020	Point 1 - MC1	2	Total Dissolved Solids	Special Frequency 1	100	230	230	360	mg/L	NA	N	
Jul 2020	Point 1 - MC1	2	Total Organic Carbon	Special Frequency 1	11	90.5	90.5	170	mg/L	NA	N	
Jul 2020	Point 21 - DS001	1	Ammonia	Special Frequency 2	0.77	0.77	0.77	0.77	mg/L	2.5	N	
Jul 2020	Point 21 - DS001	1	Suspended Solids	Special Frequency 2	7	7	7	7	mg/L	50	N	
Jul 2020	Point 22 - OF001	4	Ammonia	Special Frequency 1	0.76	0.76	0.76	0.76	mg/L	2.5	N	
Jul 2020	Point 22 - OF001	1	Suspended Solids	Special Frequency 1	630	630	630	630	mg/L	50	N	Part L2.5 of the licence states: The licensee is taken not to have breached the licence total suspended solids concentration limits for Point 1 and Point 22 if: (a) the overflow is caused by a rainfall event; and (b) the licensee has taken all practical measures to avoid or minimise water pollution. Both (a) and (b) were present and so no breached is believed to have occurred.