



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:	Dec 2018	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
Dec 2018	Point 1 - MC1	2	Ammonia	Special Frequency 1	0.77	0.805	0.805	0.84	mg/L	2.5	N	
Dec 2018	Point 1 - MC1	2	Conductivity	Special Frequency 1	260	335	335	410	mg/L	1500	N	
Dec 2018	Point 1 - MC1	2	pH	Special Frequency 1	6.9	7.35	7.35	7.8	mg/L	5.5-8.5	N	
Dec 2018	Point 1 - MC1	2	Total Phenolics	Special Frequency 1	0.1	0.1	0.1	0.1	mg/L	0.32	N	
Dec 2018	Point 1 - MC1	2	Dissolved Oxygen	Special Frequency 1	8.8	8.9	8.9	9	mg/L	>6	N	
Dec 2018	Point 1 - MC1	2	Suspended Solids	Special Frequency 1	8.6	149.3	149.3	290	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.
Dec 2018	Point 1 - MC1	2	Potassium	Special Frequency 1	7.3	9.65	9.65	12	mg/L	NA	N	
Dec 2018	Point 1 - MC1	2	Total Dissolved Solids	Special Frequency 1	150	180	180	210	mg/L	NA	N	
Dec 2018	Point 1 - MC1	2	Total Organic Carbon	Special Frequency 1	7.8	11.4	11.4	15	mg/L	NA	N	
Dec 2018	Point 22 - OF001	1	Ammonia	Special Frequency 1	0.34	0.34	0.34	0.34	mg/L	2.5	N	
Dec 2018	Point 22 - OF001	1	Suspended Solids	Special Frequency 1	560	560	560	560	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.
Dec 2018	Point 21 - DS001	2	Ammonia	Special Frequency 2	0.6	0.625	0.625	0.65	mg/L	50	N	
Dec 2018	Point 21 - DS001	2	Suspended Solids	Special Frequency 2	5	5.2	5.2	5.4	mg/L	50	N	