

WWTP Effluent Monitoring

Annual Summary

30/10/2017 to 29/10/2018



90 percentiles explained*

Within a licence for each pollutant listed by the EPA, it will have a limit value. This value may be a 100 percentile limit where samples must meet the limit value 100% of the time. Lower limits may also be assigned.

Where there are limit values lower than a 100% limit a sample or samples test results can exceed the limit value. For example, if a 90 percentile limit is assigned to a pollutant, this means 90% of collected samples should meet the limit value. If 10 samples are required in a year only one sample of the ten samples for the year is allowed to exceed the 90 percentile limit value. If more than one sample exceeds this value this would be a non-compliance of the licence conditions.

Treatment Plant: Mooball

EPA Licence Number: 20172

License Year: 30 October to 29 October

Monitoring Point: MoWWTP/Effluent

EPA Point: Point 1

Summary Period	Pollutant	Units	Count	Min	Max	Mean	90% Value	90% Limit*	Exceedance
30/10/2017 to 29/10/2018	Ammonia	mg/L	26	<0.02	0.46	0.06	0.09	2	No
Published: 12 Nov	BOD5	mg/L	26	<1.0	3.8	1.35	2.0	10	No
	Oil & Grease	mg/L	26	<2.0	3.7	2.25	3.05	5	No
	pH	pH units	26	7.1	7.6	7.32	7.4		-
	Suspended Solids	mg/L	26	<1.0	8.4	2.86	5.1	15	No
	Thermotolerant Coliforms	cfu/100 ml	26	<1	4	1	1.5	200	No
	Total Nitrogen	mg/L	26	0.95	8.53	2.88	5.955	10	No
	Total Phosphorus	mg/L	26	0.14	0.69	0.24	0.35	0.5	No