

**WWTP Effluent Monitoring**  
**Annual Summary**  
**19/02/2016 to 18/02/2017**



**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: Hastings Point**

**EPA Licence Number: 3618**

**License Year: 19 February to 18 February**

Monitoring Point: HPWWTP/Effluent      EPA Point: Point 1

Summary Period	Pollutant	Units	Count	Min	Max	Mean	90% Value	90% Limit*	Exceedance
19/02/2016 to 18/02/2017	BOD5	mg/L	26	<1.0	12.0	2.25	5.2	10	No
Published: 01 Mar	Oil & Grease	mg/L	26	<2.0	3.4	2.13	1.45	5	No
	pH	pH units	26	6.8	7.4	7.1	7.3		-
	Suspended Solids	mg/L	26	<1.0	8.5	2.08	3.3	15	No
	Thermotolerant Coliforms	cfu/100 ml	26	<1	<1	<1	0.0		-
	Total Nitrogen	mg/L	26	4.63	18.99	7.55	9.445	10	No
	Total Phosphorus	mg/L	26	0.2	2.44	0.5	0.615	1	No