

# OZZIKLEEN

*Water & Waste Water*

RP10 Range Specifications



Sewage  
Treatment Systems

*Efficiency, Reliability, Simplicity*

[www.ozzicleen.com](http://www.ozzicleen.com)

## TREATED EFFLUENT QUALITY

The treated effluent produced by the RP10, RP10A and RP10A+ sewage treatment plants are designed to be within the required guidelines for secondary effluent quality, advanced secondary effluent quality and advanced secondary effluent quality with nutrient reduction respectively. The effluent quality guidelines are as follows:

PARAMETER	UNIT	STANDARD SECONDARY EFFLUENT QUALITY	ADVANCED SECONDARY EFFLUENT QUALITY	ADVANCED SECONDARY W/NUTRIENT REDUCTION EFFLUENT QUALITY
Ozzi Kleen Model		RP10	RP10A	RP10A+
Biological Oxygen Demand (BOD <sub>5</sub> )	mg/L	≤ 20	≤ 10	≤ 10
Total Suspended Solids (TSS)	mg/L	≤ 30	≤ 10	≤ 10
Total Nitrogen (TN)	mg/L	-	-	≤ 10
Total Phosphorus (TP)	mg/L	-	-	≤ 5
Turbidity	NTU	-	-	≤ 2
pH		6.5 - 8.5	6.5 - 8.5	6.5 - 8.5
Faecal Coliforms, FC	cfu per 100 mL	≤ 10	≤ 10	≤ 10
Chlorine Residual	mg/L	0.5 – 2.0	0.5 – 2.0	0.5 – 2.0

- \* The treatment plant is to be serviced at the regular interval of every three months, which will require a full service as set out in the Owner's Manual.

### NOTE

The Actual Water Quality for the RP10A+ was independently measured as:-

Average final effluent quality:	E. coli	cBOD <sub>5</sub>	TSS	TN	TP
	CFU/100mL	mg/L	mg/L	mg/L	mg/L
	<b>&lt;1</b>	<b>&lt;3</b>	<b>3.7</b>	<b>8.4</b>	<b>1.7</b>