

Re: Sewage Treatment Plant for Fir View Caravan Park

Thank you for giving EWwS this opportunity to offer our proposal for the wastewater treatment plant. We now enclose our proposal and comments for process related issues which we hope are useful.

We have sized the plants as per design parameters we derived from British Water Code of Practice Flows & Loads – 4

We have assumed that:-

1. Surface water will be excluded from the foul water drainage
2. Grease will be dealt with prior to entering the treatment plant.

Design Parameters

Temperature	12 ⁰ C – 20 ⁰ C (assumed wastewater temperature)
Flow (DWF)	33.3m ³ /d (Dry weather)
Peak Flow rate	4.16m ³ /hr (Dry weather)
BOD load	13.32kgBOD ₅ /day (400mg/l @ DWF)
NH ₄ -N load	1.77kgNH ₄ -N/day (53mg/l @ DWF)

Final Effluent Standard

BOD	< 20mg/l
TSS	< 30mg/l
NH ₄ -N	< 20mg/l

1 x RBC packaged plant 100 SHR as per drawing No GA0030 – 3

We offer our 100 SHR packaged RBC treatment plants in GRP casing with covers. The RBC will be driven by a 0.37 Kw close coupled shaft mounted geared motor.

The delivered units would be ready to be installed on a concrete slab for levelling and concrete backfilling. For this a suitable crane will be required to offload the unit from the lorry. EWwS have not included for a crane for offloading at site.

We trust the above meets with your requirements. Should you need to discuss any details above, please do not hesitate to contact us on +44 (0) 756 555 3944 or +44 (0) 1442 957 875 Yours sincerely



Carlos Mateus

Sales

EWwS Ltd