

Tees Valley EFW - Supplementary Information (Application for an environmental permit Part B6)

5 Should your discharge be made to the foul sewer?

The closest foul sewer is approximately 100m away. This connection would be required to cross public lands & highway infrastructure to be achieved. This would also require the foul to be pumped and require the infrastructure to provide 24 hour storage. It is believed that the use of that packaged treatment plants and the discharge of treated effluent to the attenuation basin is a more economical approach than connecting to the closest foul sewer.

6c - You must provide details on a separate sheet of the final effluent discharge quality that the overall treatment system is designed to achieve

Klargester BioFicient Commercial Sewage Treatment Plants are specified in our design. The following is the effluent quality that a Klargester TP would expect to achieve;

"In a standard configuration, the BioFicient Commercial will deliver BOD levels of less than 20mg/l, 30mg/l Suspended Solids, and Ammonia levels lower than 5mg/l. This means it will outperform most of the packaged systems currently on the market for nitrogen reduction."