

Foul Water and Sewage at Cwmsaeson Caravan Park

- Foul water and sewage drains to a septic tank. The system deals exclusively with the caravan site. The unit has a capacity to deal with 7,500 litres/day. The septic tank is certified to EN12566-3 2005 and has been installed to BS6297 specification.
- The septic tank is connected to a soakaway.
- The capacity of the septic tank system was calculated using British Water Codes of Practice – Flows and Loads 4; Sizing Criteria, Treatment Capacity for Sewage Treatment Systems.
- Flow calculations: Caravan sites – not serviced 180 litres/day / person.
- Soils are well drained glacial drift with approximately 25-30% clay content.
- The soakaway was constructed following the results of a percolation test carried out in accordance with BS 6297.
- Soakaways were constructed with slotted / perforated pipe, and laid in trenches with the same gradient not steeper than 1:200
Pipes were laid on a 450mm layer of 50mm drainage stone and filled 50mm above the pipe and covered with a membrane and then filled in with soil.

