

Design and Access Statement

The current septic chamber was installed around 1960 and is plainly not in keeping with modern standards. It is also closer to the main house than would be allowed if new.

Ideally the discharge from modern treatment plants is put into a ditch that has permanent running water. The next best is to feed it into a filtration bed, either raised or buried.

Unfortunately due to the shape of the yard, all surface water runoff, and also slurry from the cow sheds, was sent under the road then across the field opposite, down into a wet ditch some 50 meters away.

To cope with heavy rainfall, an oversize soakaway serving the newly installed drainage was created at the lowest part of the yard, so that if there were any overflow it would be best placed to direct it to the culvert under the road to the south of the property.

With little alternative it is hoped that the Environment Agency will grant a permit to allow the discharge of treated liquids to be directed into the soakaway.

The proposed location of the plant complies with current legislation on distance from buildings and boundaries. i.e. 7metres from the house and 5 metres from the boundary.

Whilst only two people currently inhabit the house it has four bedrooms so a plant capable of dealing with 10 or 12 people will be installed. A Tricel Novo UK12 or similar is proposed.

Installation to be in accordance with the Tricel manual.