

Meadow View, Barnham

Replacement Dwelling

Lidsey Drainage Catchment Area Statement

The site is located within the Lidsey Drainage Catchment Area.

The existing dwelling was recently allowed on appeal and part of the permission included a new treatment plant.

Accordingly, it is not proposed that the new [replacement] dwelling would require connection to foul drainage within the catchment area and the proposal will not be connecting to the existing public mains drainage system.

The existing dwelling has a klargest system which will be utilised for the new build dwelling. This can usually provide a reliable solution for locations without mains drainage, where the discharge of treated effluent is not permissible due to unsuitable ground conditions, or where infrequent or seasonal use, such as a holiday home, would prevent the successful functioning of a BioDisc/Biotec packaged treatment plant, for example.

- It is normally delivered as a complete unit ready for installation, each Storage Tank must be installed in a level condition and bedded on, and surrounded with, 225mm thickness of concrete. A 'high level' alarm is available for monitoring the Storage Tank for optimum usage.
- For a single dwelling 18180 litres (4000 gallons) is the minimum allowable capacity. This size should be increased by 6800 litres (6.8m³) for each additional user.
- It is ideal for locations where discharge is to sub-surface irrigation, or to a suitable watercourse.

The clients have recently installed the klargest, in a discrete area on the site, as the property will be connected to a water meter and felt this would be a more economical. Therefore using this system would offer the option to reuse water where possible.

Summary

The proposal will not cause any adverse strain on the Lidsey Drainage Catchment Area or the local area.

- The Klargest provides a reliable, efficient and environmentally safe solution for sewage disposal needs.
- Klargest BioDisc operates without noise or odour
- Maintenance requirements are low with good access
- No technical or mechanical faults
- Low power consumption at 1.3kw/d approx 10-14 pence per day
- Low sludge build up and large storage capacity
- Low maintenance
- Aesthetically unobtrusive