

Oldlands Farm Phase 1A
Planning Ref: BE/61/13 & BE/4/17/RES
Hanbury Properties

Planning Condition No 32

AMc/19:0171/4692
15th March 2019

Condition No 32:

Foul sewerage details:

No works shall take place on a phase until details of the proposed means of foul water sewerage disposal for that phase have been submitted to, and approved in writing by the Local Planning Authority in consultation with Southern Water.

This following statement is to support Planning Condition 32 relating to the provision of foul sewage to Phase 1A of the Oldlands Farm Commercial development are. The foul water designs follow the principles already approved under the under the Phase 1 works. This included the construction of the development foul pumping station and foul rising main, both of which are now in the process of being adopted under a Section 104 agreement by Southern Water.

The foul water discharge from each unit drains via a gravity piped network before discharging to the main foul sewer system within the development road network. This sewer then conveys flow to the development pumping station located at the northwest corner of the site. The station then pumps via a rising main to a point on the existing Barratt Homes Development in Felpham before being pumped to Ford WWTW.

The pumping station and rising main was designed to accommodate the whole commercial area.
Foul flows from the Phase 1A development area are based on the requirements of Sewers for Adoption.
Trade effluent flow has been based on 0.7 l/sec/Ha

Phase 1A Building area: 6500m² (0.65 Ha)
 $0.7 \times 0.65 = 0.455 \text{ l/sec}$

The foul water drainage strategy for the proposed development is considered the most suitable and accords with the original design proposals.

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