

Community Directorate
 Divisional Director Venetia Reid-Baptiste
 Commissioning Services/Environmental Service Delivery

From:	Infrastructure		Date:
To:	Planning	Your Ref:	FAO:

Re:

We refer to recently received correspondence regarding the above site and we have the following comments:

- a) Thames Water Section 106 consent for connections to the public sewers is required.
- b) The development is subject to a limitation on a discharge to no more than 5 l/s/ha from all impermeable areas, consequently there will be a storage implication and the system should be checked for no flooding for a storm of critical duration and period of 1 in 100 years. These storage calculations should include all details of inputs and outputs together with impermeable and permeable areas drained. Please note that the M5-60(mm) is 21 and the Ratio “r” should read 0.43 for this region. Similarly the Volumetric Run-off Coefficient should be substantiated by calculations (Reference to Chapter 13 of The Wallingford Procedure) or a figure of 0.95 should be used for winter and summer. Please note that a value for UCWI of 150 is appropriate when calculating Percentage Runoff (PR) for storage purposes. Please include 40% allowance for climate change.
- c) Full details of drainage layout including details of the outlet and cross section of proposed storage are required.
- d) Full details of any flow restrictions (hydrobrake, pumping station) that are proposed for this scheme need to be submitted together with the relevant graphs.
- e) Full details of SuDS including permeable paving, with construction details and Maintenance Plan should also be provided.
- f) Full design of a soakaway in line with BRE publication Digest 365 together with the results of ground permeability test, storage calculations & construction details should be submitted for our approval.
- g) Management Plan for disposal of ground water during construction phase is also required.
- h) Drainage proposals should comply with the council Local Flood Risk Management Strategy.

Should you wish to discuss the drainage requirements further, please contact Drainage Team on infrastructure@harrow.gov.uk