

On 13<sup>th</sup> December, Siloam Construction carried out percolation tests at Kimberdale, Heathlands Road, Wokingham RG40 3AS. There had been no rain on site for the 48 hours prior to the tests. They were overseen by the managing director, Pete Felgate MCIOB.

2 tests were carried out in the proposed gardens of the new dwellings, to ensure an accurate indication of location and ground conditions to the potential location of new soakaways or drainage fields.

The percolation tests were carried out as per the guidance in BRE Digest 365. A trial hole of 300mm x 300mm x 300mm was used below the proposed invert level of the pipe.

The results were as follows:

Plot 1 garden infiltration rate:  $3.44 \times 10^{-6}$  m/s. The time taken for the water level to drop between 75% and 25% was 4.03hrs or 242 mins.

Plot 2 garden infiltration rate:  $3.10 \times 10^{-6}$  m/s. The time taken for the water level to drop between 75% and 25% was 4.48hrs or 269 mins.