

C1/GHE11/RA/SG/L1

31-07-14

Mr. S. Griffin
S G Estates
5 Churchlea
Main Road
Rhosrobin
Wrexham
LL11 4RB

Dear Steve

FORMER FOUNDRY, RHOSTYLLLEN – INFILTRATION RESULTS

Further to our site investigation last week, please find below and attached a brief summary of our works and findings along with infiltration results and infiltration location plan.

Infiltration testing was completed in accordance with BRE365 and due to the rate of infiltration, 3 No tests were completed.

In summary, the results were very good with a good rate of infiltration experienced.

We have provided typical photographs of the works for reference.

We would recommend that all the highway run-off generated by adopted carriageway should be directed to soakaway/s located 5m from buildings located in the POS area where the test was undertaken. This will greatly reduce storage requirements for the surface water and provide a sustainable method of discharge. This method has been discussed and agreed with Peter Douthwaite.

We recommend that the soakaway should be sized to accommodate 1:100yr plus climate change return period in order to satisfy local planning authority requirements.



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Photo 1 – Soakaway test location



Photo 2 – Filling Soakaway test pit with water



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I trust you will find the above of assistance, however, if you have any queries or require further information please do not hesitate to contact me.

Yours faithfully,



Robert Ankers
DIRECTOR
BETTS ASSOCIATES



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