

John McCall Architects
No.1 Arts Village
Henry Street
Liverpool, L1 5BS

Date 10th May 2018
Our ref LRD27856/JMA001
Your ref:

FAO: Carl Grannell

Dear Sirs

Re: Grosvenor Road, Wrexham – Surface Water Discharge

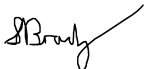
The surface water drainage for the site has been designed to satisfy the planning conditions and the surface water discharge hierarchy. The discharge hierarchy requires that surface water runoff be dealt with at source; the first level of the hierarchy is to manage the runoff generated via infiltration techniques.

To facilitate this approach the infiltration testing was carried out BRE365, results attached, which concluded that the ground was suitable for infiltration. The attenuation volume for the 100-year plus climate change event was determined using the infiltration result obtained from the BRE365 test.

The cellular storage structure is wrapped in a permeable membrane to facilitate infiltration, there is no other outfall from this system.

We trust the above and accompanying attachments are sufficient to resolve Welsh Water's query.

Yours sincerely



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Associate

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