

From: [Bushnell, Adam \(E,I&S\)](#)
To: [Planning \(SMDC\)](#)
Cc: [Curley, Jane](#)
Subject: Re: SMD/2021/0694 - Development of 75 new dwellings, new access provision of green infrastructure and associated works. Ash Bank Road - LLFA Response
Date: 30 March 2022 09:15:36
Attachments: [image001.png](#)

Good Morning,

FAO: Case Officer Jane Curley

Re: SMD/2021/0694 - Development of 75 new dwellings, new access provision of green infrastructure and associated works. Ash Bank Road - LLFA Response

Thank you for your email, consultation and recent communication regarding the above referenced development.

Having reviewed the recent information submitted by the applicant- I have a few outstanding questions that I would like to be addressed. Therefore, at this stage I still recommend planning permission is **not granted**.

- My points are as follows:

- Catchment / Plot Scale Rainfall Model Data

- I note that the applicant has now submitted a hydraulic model output utilising FEH rainfall data. However, I would like to ask why catchment scale FEH data has been used? Normally it would be best practice for plot/point scale data to be utilised for specific development sites. Please can this be clarified?

Climate Change Allowance

- Climate change allowances normally are not added in the Design Criteria for Storm function within the MicroDrainage Software- it should be applied via the Seasonal Return Period Wizard. Please can this be addressed or explained.

FSR Rainfall Data

- There still remain some references within the hydraulic modelling report to FSR Rainfall data- please can these also be explained. FEH data should be used consistently throughout, as best practice unless there is a good reason as to why not.

Winter Storms

- Please can winter storms be included in the analysis.

Impermeable Area Plan / Calcs

There are a small number of inconsistencies between the Impermeable Area Plan and the MicroDrainage Calculations. Please can it be made very clear what impermeable area drains to each pipe / manhole.

Should you have any further queries, please do not hesitate to contact me.

Many thanks, again.



Kind regards,

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